



August 24, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Lone Tree Federal 2-21-9-17
Lone Tree Federal 3-21-9-17
Lone Tree Federal 4-21-9-17
Lone Tree Federal 5-21-9-17
Lone Tree Federal 6-21-9-17
Lone Tree Federal 7-21-9-17

Lone Tree Federal 8-21-9-17
Lone Tree Federal 9-21-9-17
Lone Tree Federal 11-21-9-17
Lone Tree Federal 12-21-9-17
Lone Tree Federal 13-21-9-17
Lone Tree Federal 16-21-9-17

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 12-21-9-17 and 13-21-9-17 are also Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

AUG 25 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-13905

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Lone Tree

8. Lease Name and Well No.
Lone Tree Federal 16-21-9-17

9. API Well No.
43013-33282

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/SE Sec. 21, T9S R17E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SE/SE 683' FSL 668' FEL 585030X 40.011253
At proposed prod. zone 4429271Y -110.003734

14. Distance in miles and direction from nearest town or post office*
Approximatley 16.9 miles southeast of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 683' f/lse, 683' f/unit

16. No. of Acres in lease
1200.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1234'

19. Proposed Depth
5600'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5307' GL

22. Approximate date work will start*
4th Quarter 2006

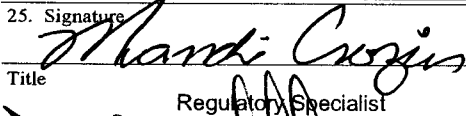
23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
8/24/06

Approved by (Signature)

Title
Environmental Manager

Name (Printed/Typed)
BRADLEY G. HILL
Office
ENVIRONMENTAL MANAGER

Date
08-29-06

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

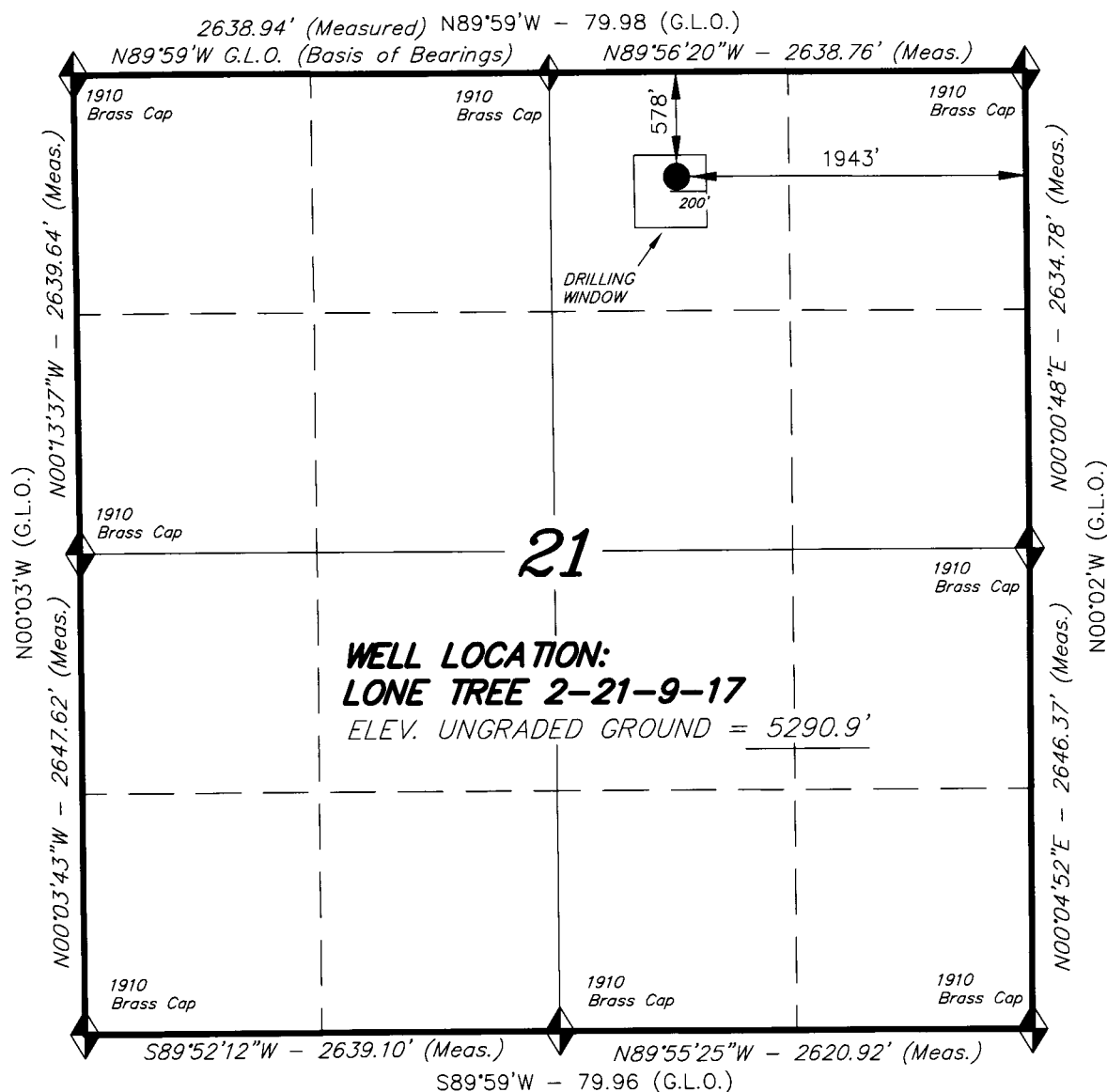
Federal Approval of this
Action is Necessary

RECEIVED
AUG 25 2006

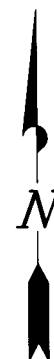
DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.

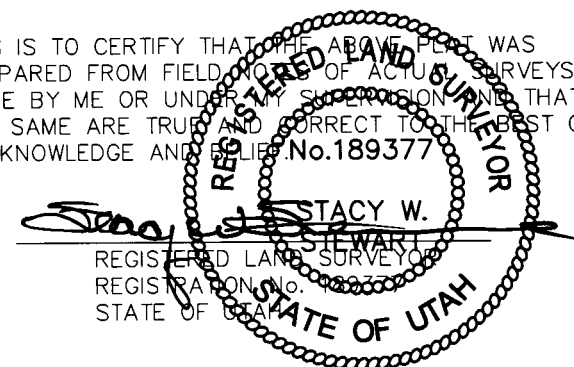
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, LONE TREE 2-21-9-17,
 LOCATED AS SHOWN IN THE NW 1/4 NE
 1/4 OF SECTION 21, T9S, R17E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

LONE TREE 2-21-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 19.65"
 LONGITUDE = 110° 00' 32.79"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 06-10-06	SURVEYED BY: D.P.
DATE DRAWN: 06-27-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #2-21-9-17
NW/NE SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2020'
Green River	2020'
Wasatch	5700'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2020' – 5700' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #2-21-9-17
NW/NE SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Lone Tree Federal #2-21-9-17 located in the NW 1/4 NE 1/4 Section 21, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.9 miles \pm to it's junction with an existing road to the south; proceed southeasterly - 1.6 miles \pm to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 0.4 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-206, 6/15/05. Paleontological Resource Survey prepared by, Wade E. Miller, 6/2/05. See attached report cover pages, Exhibit "D".

For the Lone Tree Federal #2-21-9-17 Newfield Production Company requests 1810' of disturbed area be granted in Lease UTU-75036 and 420' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1810' of disturbed area be granted in Lease UTU-75036 and 420' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Lone Tree Federal 2-21-9-17.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Lone Tree Federal #2-21-9-17 was on-sited on 7/27/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

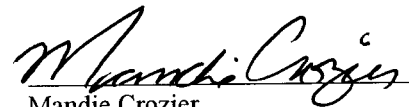
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #2-21-9-17 NW/NE Section 21, Township 9S, Range 17E: Lease UTU-13905 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/24/06

Date

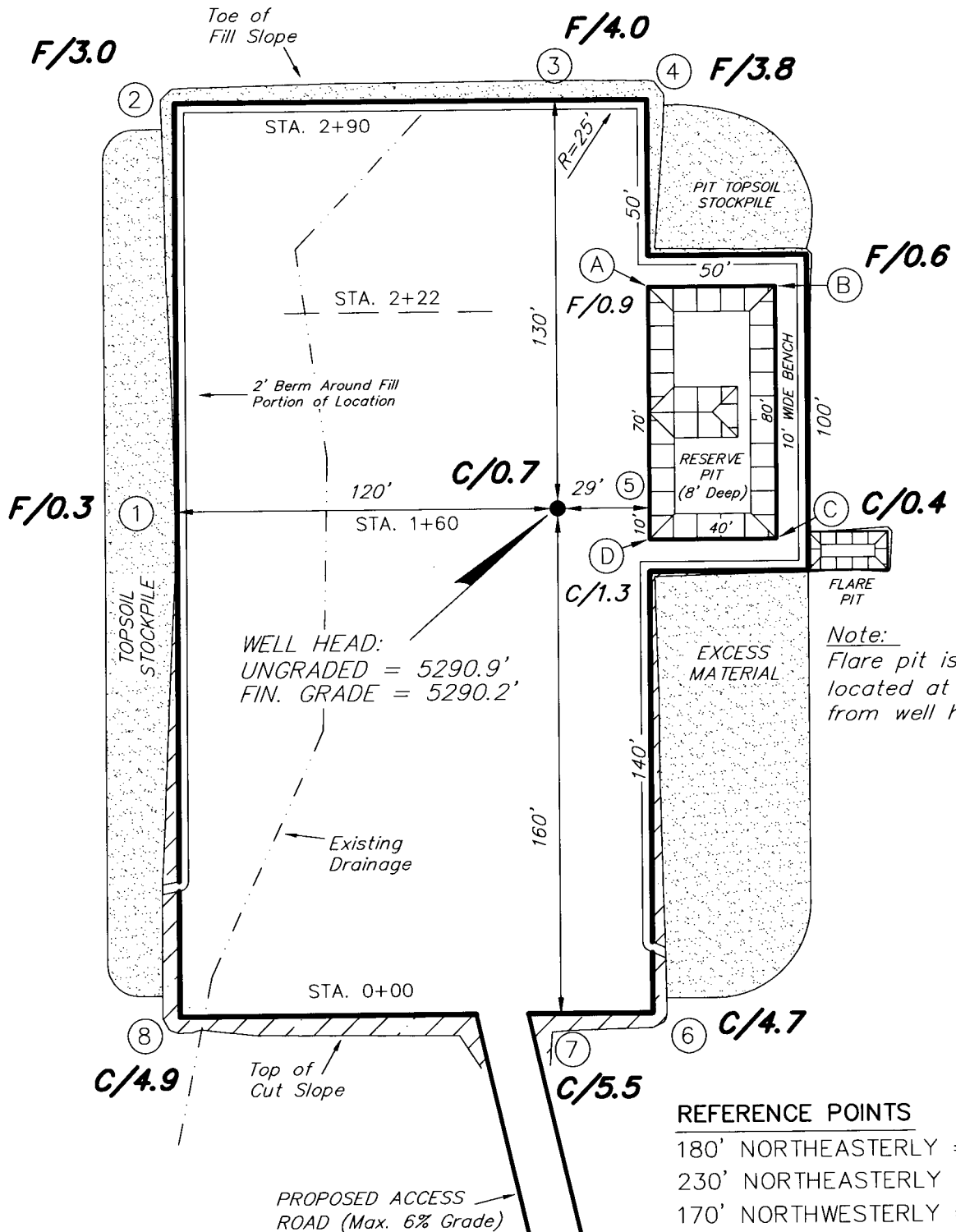
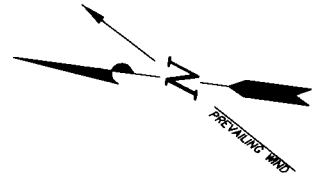


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

LONE TREE 2-21-9-17

Section 21, T9S, R17E, S.L.B.&M.



Note:
Flare pit is to be located at least 80' from well head.

REFERENCE POINTS

180' NORTHEASTERLY = 5284.9'
230' NORTHEASTERLY = 5284.0'
170' NORTHWESTERLY = 5291.6'
220' NORTHWESTERLY = 5296.4'

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-27-06

Tri State
Land Surveying, Inc.

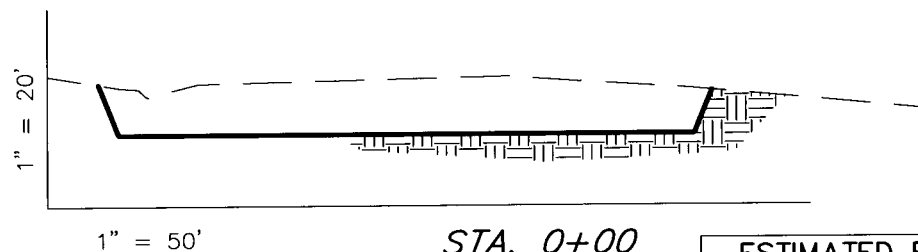
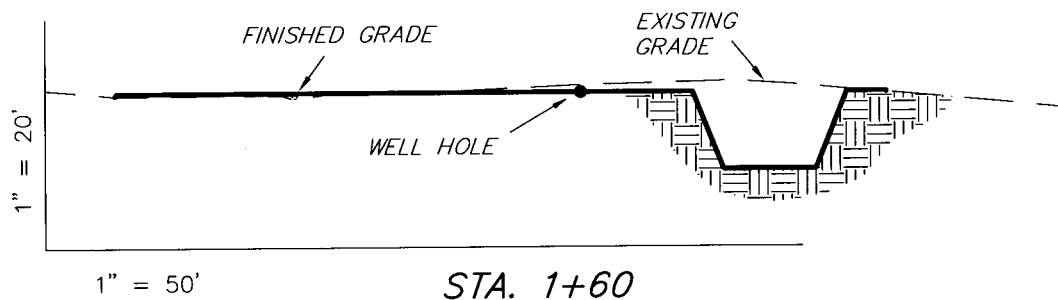
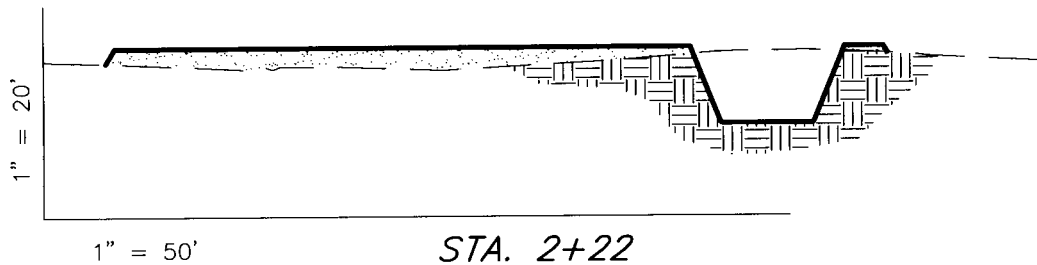
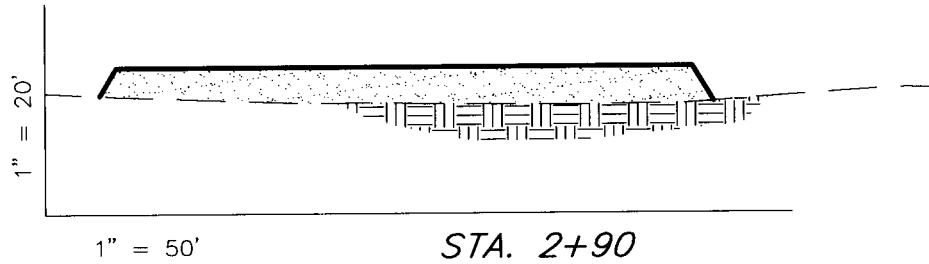
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE 2-21-9-17



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,090	1,930	Topsoil is not included in Pad Cut	160
PIT	640	0		640
TOTALS	2,730	1,930	960	800

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

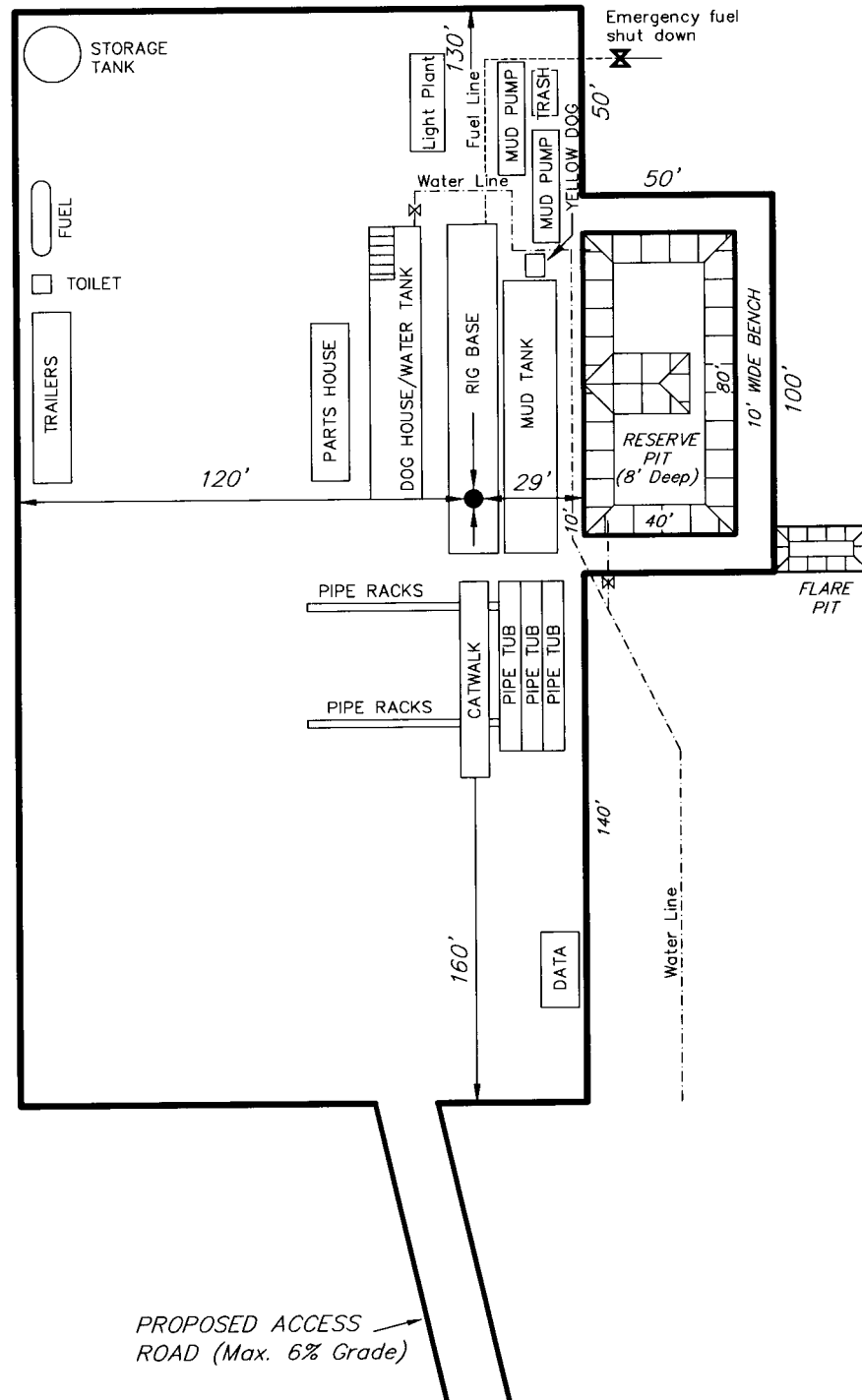
DATE: 06-27-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

LONE TREE 2-21-9-17



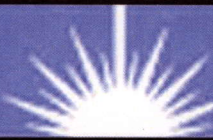
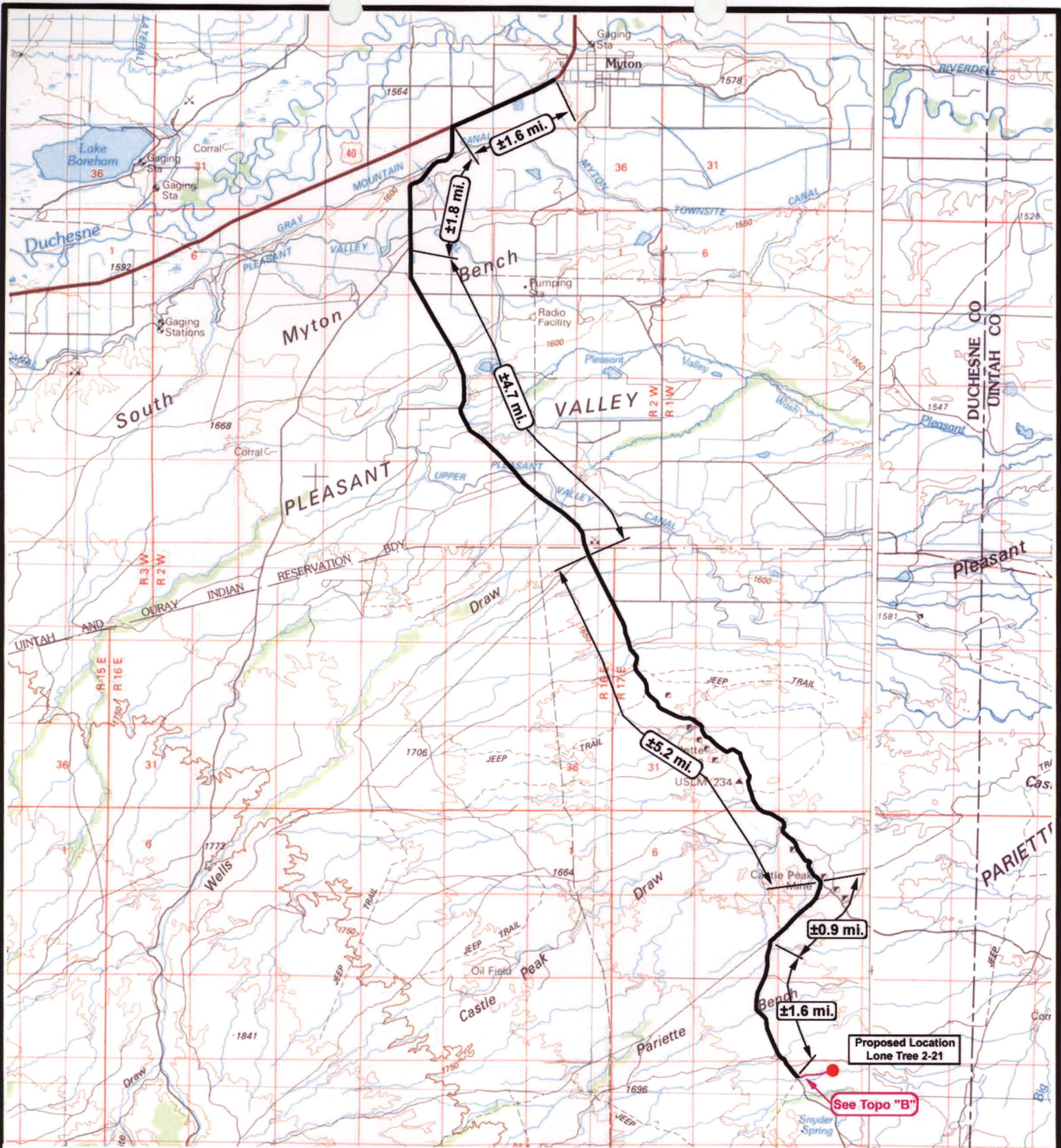
SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-27-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



NEWFIELD
Exploration Company

Lone Tree 2-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.

(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

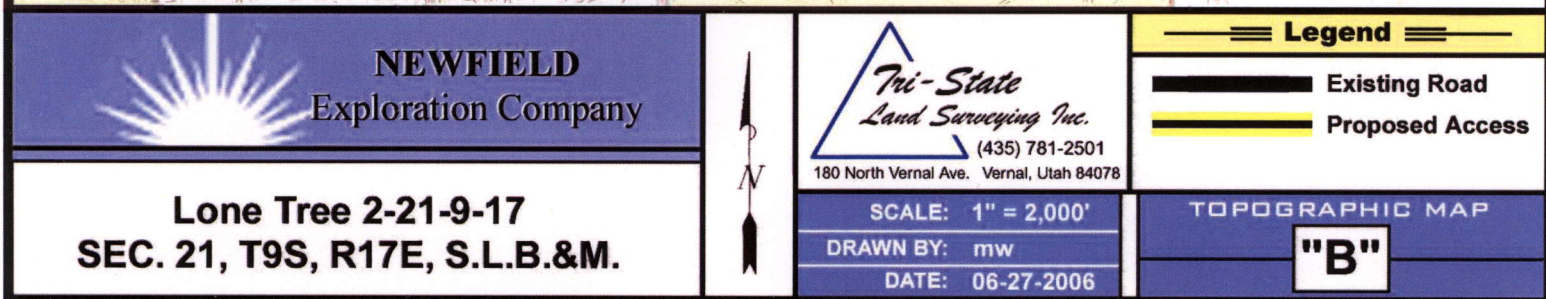
DATE: 06-27-2006

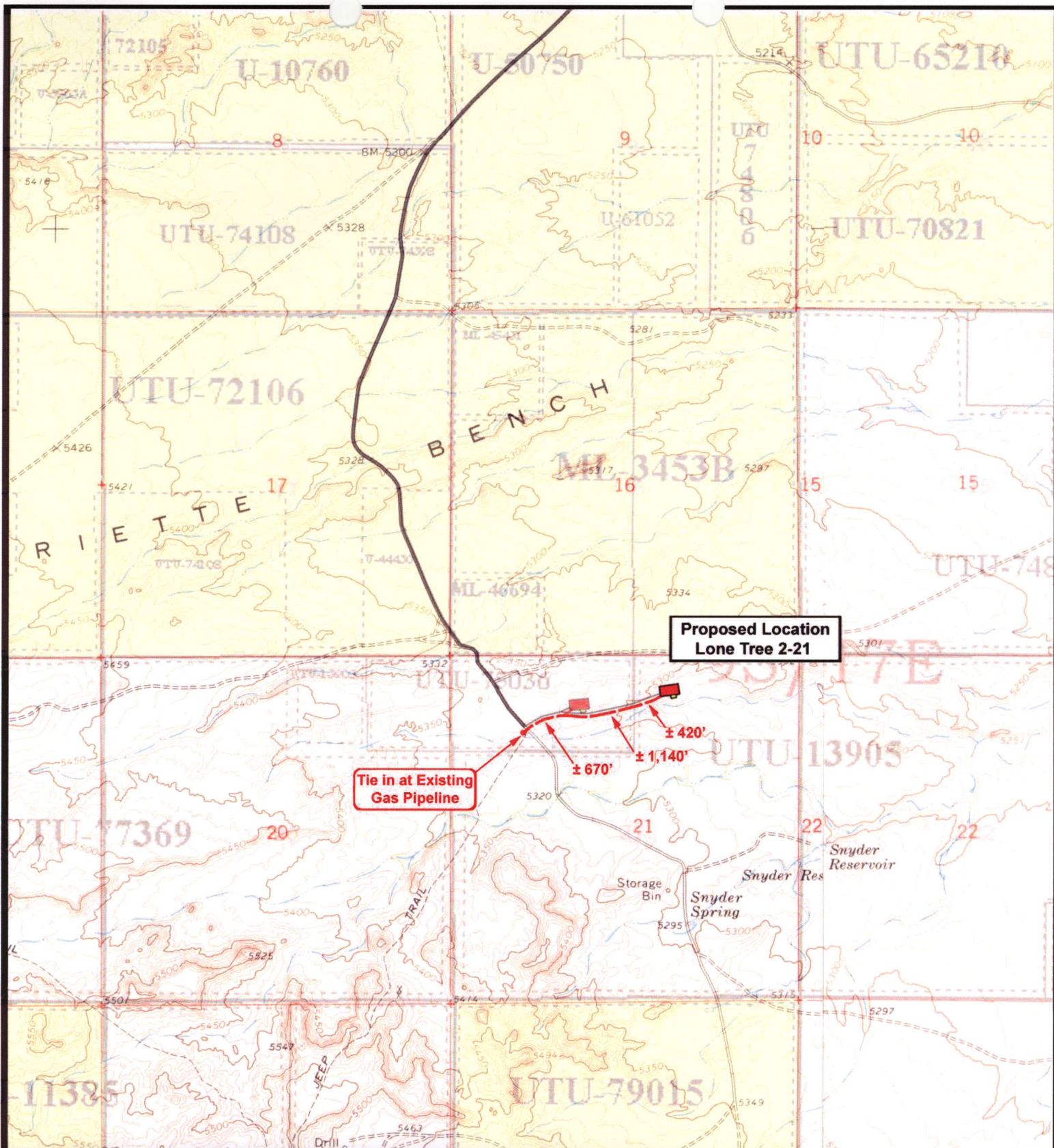
Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"





**Proposed Location
Lone Tree 2-21**

**Tie in at Existing
Gas Pipeline**

**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 06-27-2006

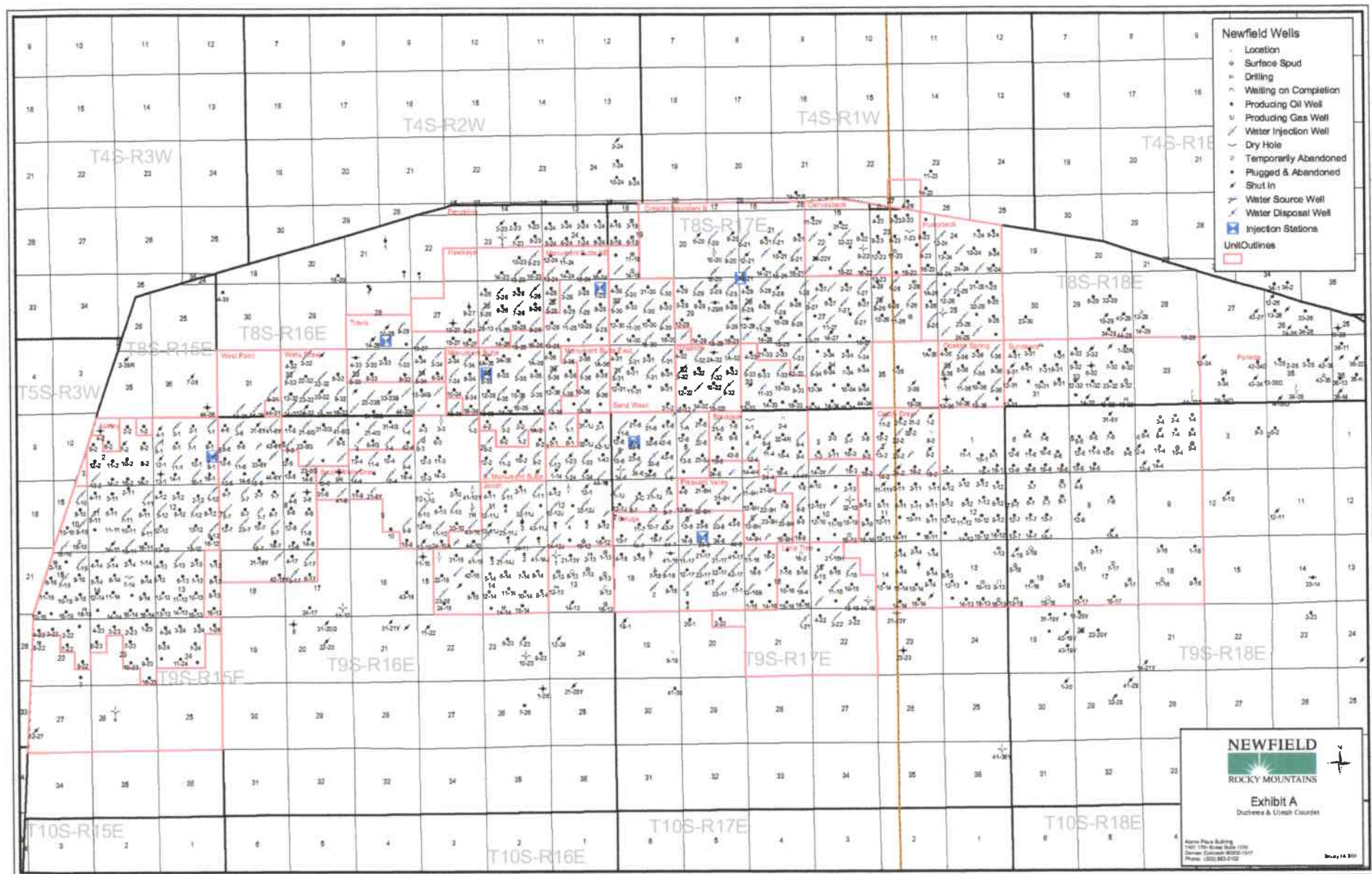
Legend

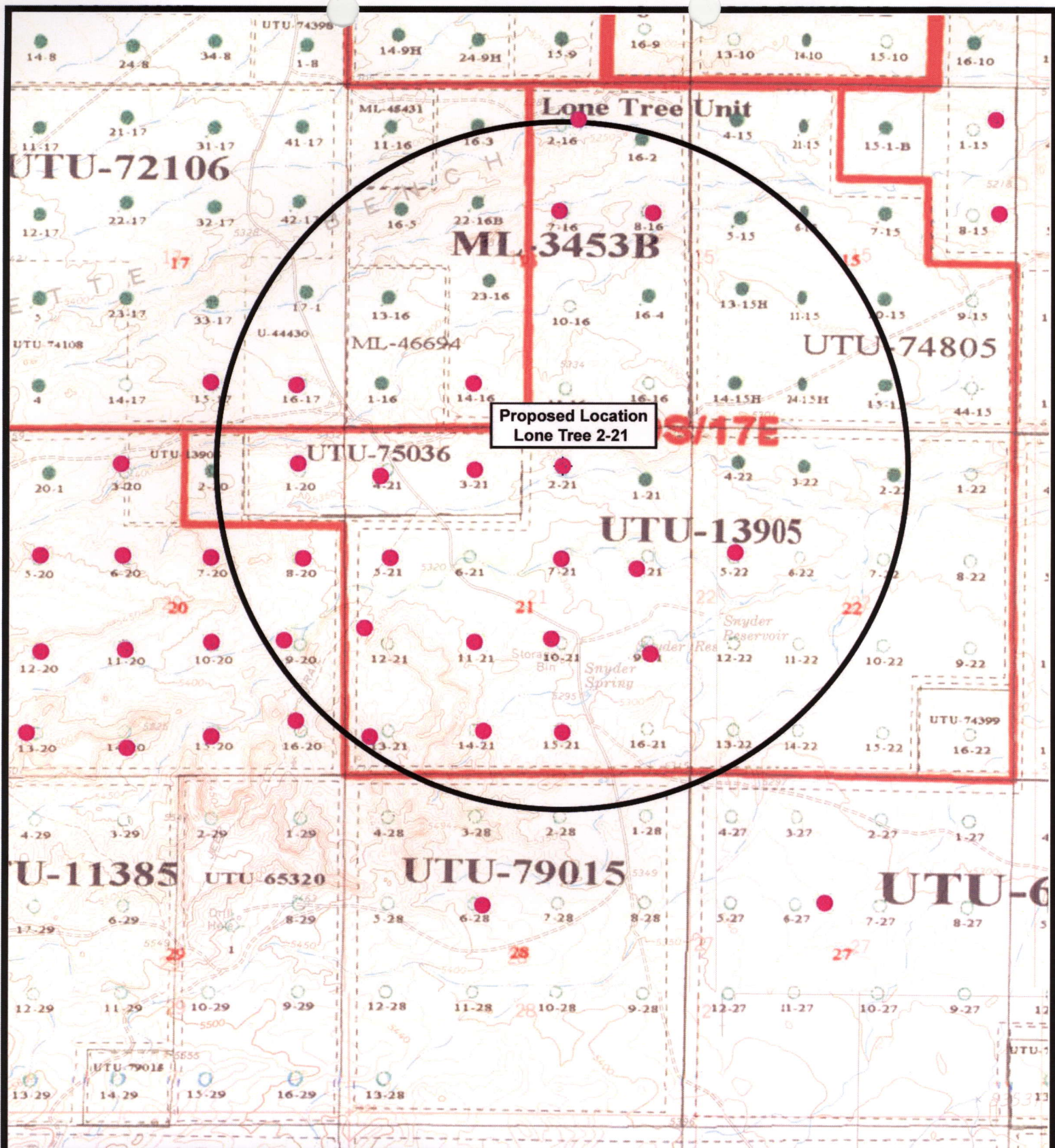
— Roads
- - - Proposed Gas Line

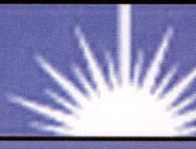


TOPOGRAPHIC MAP
"C"

**NEWFIELD
Exploration Company**

**Lone Tree 2-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.**





 <p>NEWFIELD Exploration Company</p> <p>Lone Tree 2-21-9-17 SEC. 21, T9S, R17E, S.L.B.&M.</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 06-27-2006</p>	<p>Legend</p> <ul style="list-style-type: none"> ● Location ○ One-Mile Radius <p>Exhibit "B"</p>
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2-M SYSTEM
Blowout Prevention Equipment Systems

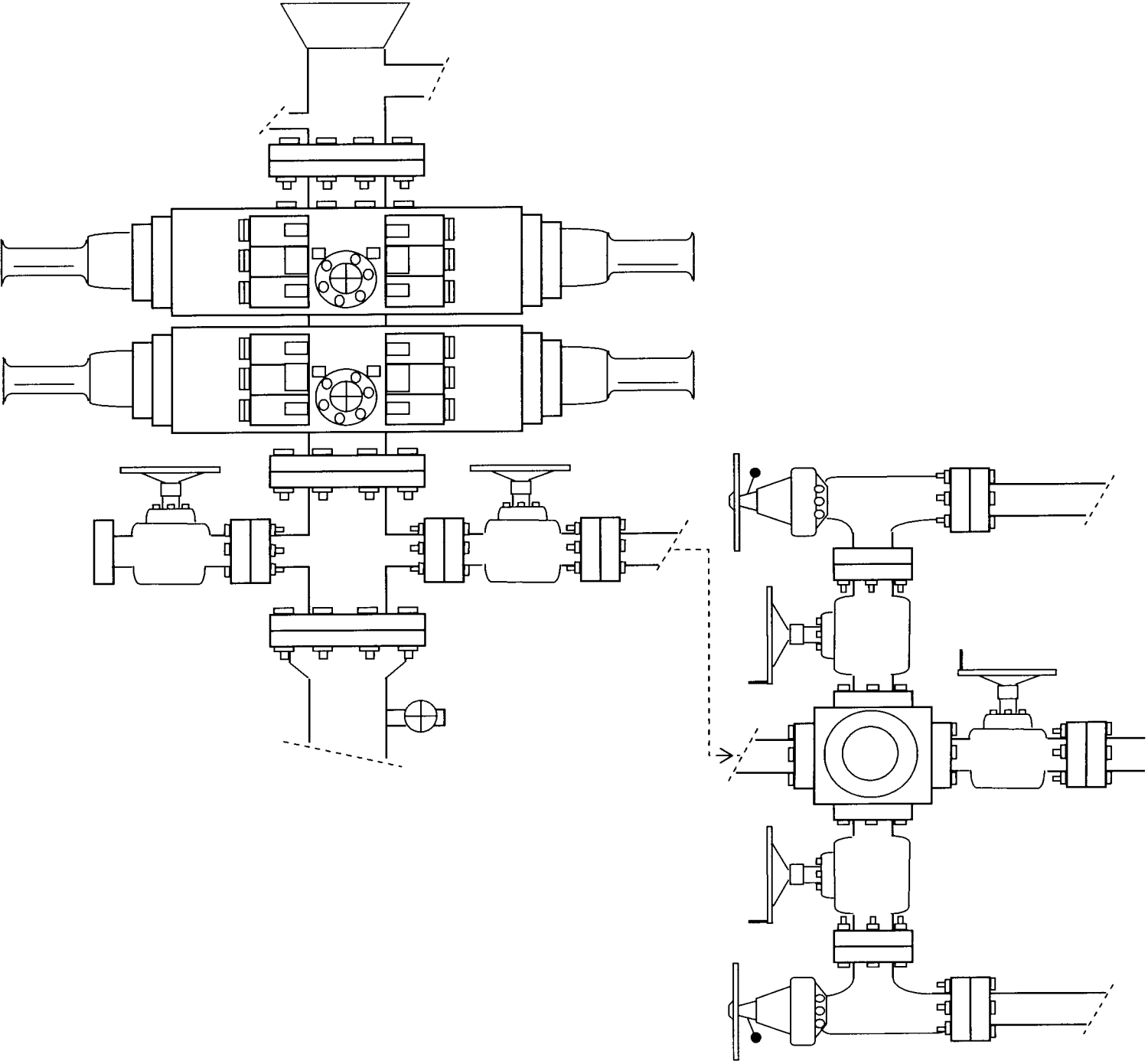


EXHIBIT C

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCELS
IN T9S, R17E, SEC. 19, 20, 21 & 22
DUCHESNE COUNTY, UTAH

Katie Simon

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-206

June 15, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0516b

2 of 2

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 20, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4; NW 1/4, NE 1/4; NE 1/4, NW 1/4; and NW 1/4, NW 1/4]; Section 21, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4], and Section 3, T 9 S, R 16 E, the following parcels [NW 1/4, NE 1/4; SW 1/4, NE 1/4; SE 1/4, NE 1/4; NE 1/4, SE 1/4; NW 1/4, SE 1/4; SW 1/4, SE 1/4 and SE 1/4, SE 1/4].

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 2, 2005

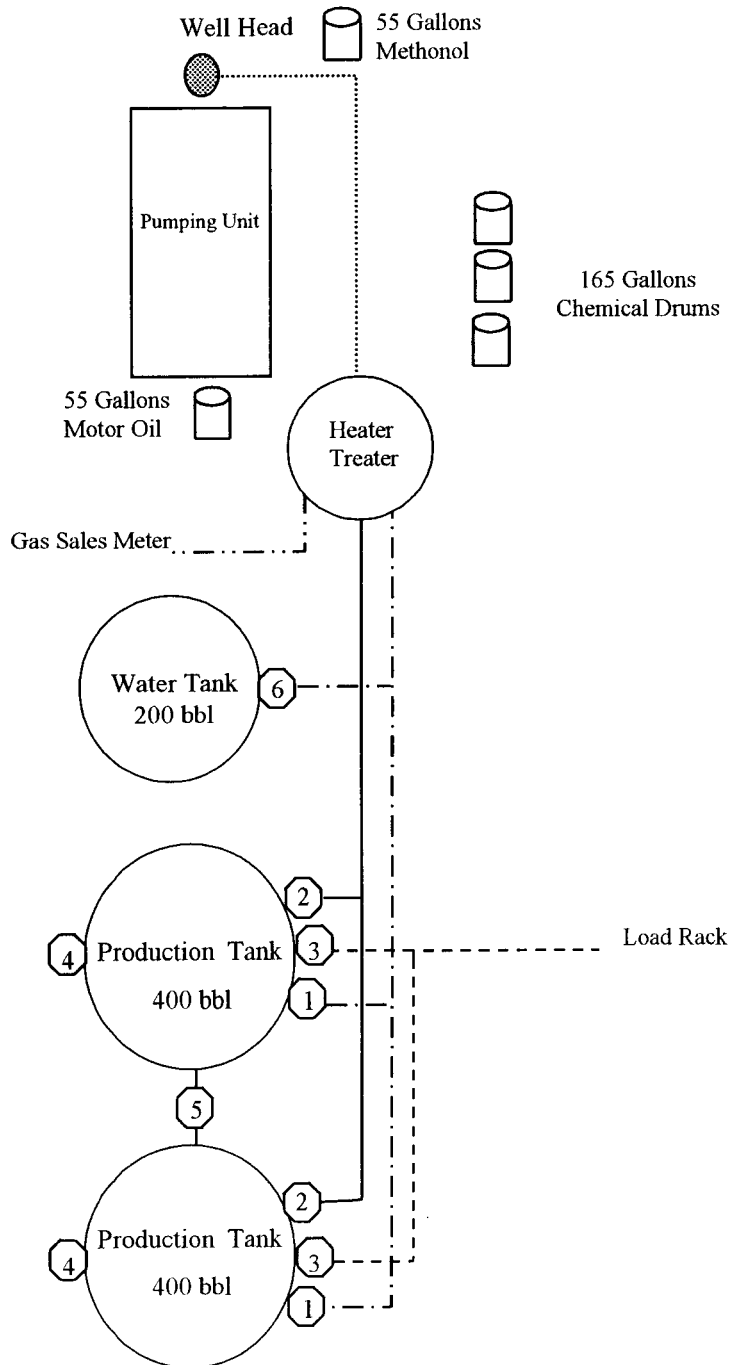
Newfield Production Company Proposed Site Facility Diagram

Lone Tree Federal 2-21-9-17

NW/NE Sec. 21, T9S, R17E

Duchesne County, Utah

UTU-13905



Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Gas Sales
Oil Line	—————

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/25/2006

API NO. ASSIGNED: 43-013-33281

WELL NAME: LONE TREE FED 2-21-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNE 21 090S 170E

SURFACE: 0578 FNL 1943 FEL

BOTTOM: 0578 FNL 1943 FEL

COUNTY: DUCHESNE

LATITUDE: 40.02223 LONGITUDE: -110.0083

UTM SURF EASTINGS: 584630 NORTHINGS: 4430486

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
-------------	----------	------

Engineering		
-------------	--	--

Geology		
---------	--	--

Surface		
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LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-13905

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit: LONE TREE (GREEN RIVER)

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 228-5

Eff Date: 8-26-1998

Siting: Separate General Siting

R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1. Fee Surf Approval

T9S R17E

LONE TREE FED
4-21-9-17

LONE TREE FED
3-21-9-17

LONE TREE FED
2-21-9-17

S PILASANT Δ
VALLEY FED 1-21

LONE TREE FED
5-21-9-17

LONE TREE FED
6-21-9-17

LONE TREE FED
7-21-9-17

LONE TREE FED
8-21-9-17

LONE TREE FED
12-21-9-17

LONE TREE FED
11-21-9-17

NGC FEDERAL
33-21-H

LONE TREE FED
9-21-9-17

MONUMENT BUTTE FIELD LONE TREE (GR) UNIT

CAUSE: 228-5 / 8-26-1998

LONE TREE FED
16-21-9-17

LONE TREE FED
13-21-9-17

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UINTAH

CAUSE: 228-5 / 8-26-1998

Field Status

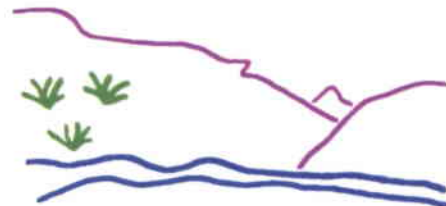
- ☒ ABANDONED
- ☒ ACTIVE
- ☒ COMBINED
- ☒ INACTIVE
- ☒ PROPOSED
- ☒ STORAGE
- ☒ TERMINATED

Unit Status

- ☒ EXPLORATORY
- ☒ GAS STORAGE
- ☒ NF PP OIL
- ☒ NF SECONDARY
- ☒ PENDING
- ☒ PI OIL
- ☒ PP GAS
- ☒ PP GEOTHERML
- ☒ PP OIL
- ☒ SECONDARY
- ☒ TERMINATED

Wells Status

- ☒ GAS INJECTION
- ☒ GAS STORAGE
- ☒ LOCATION ABANDONED
- ☒ NEW LOCATION
- ☒ PLUGGED & ABANDONED
- ☒ PRODUCING GAS
- ☒ PRODUCING OIL
- ☒ SHUT-IN GAS
- ☒ SHUT-IN OIL
- ☒ TEMP. ABANDONED
- ☒ TEST WELL
- ☒ WATER INJECTION
- ☒ WATER SUPPLY
- ☒ WATER DISPOSAL
- ☒ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 29-AUGUST-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

August 29, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Lone Tree Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Lone Tree Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33281	Lone Tree Fed	2-21-9-17 Sec 21 T09S R17E 0578 FNL 1943 FEL
43-013-33282	Lone Tree Fed	16-21-9-17 Sec 21 T09S R17E 0683 FSL 0668 FEL
43-013-33283	Lone Tree Fed	13-21-9-17 Sec 21 T09S R17E 0556 FSL 0415 FWL
43-013-33284	Lone Tree Fed	12-21-9-17 Sec 21 T09S R17E 2232 FSL 0252 FWL
43-013-33285	Lone Tree Fed	11-21-9-17 Sec 21 T09S R17E 1911 FSL 2156 FWL
43-013-33286	Lone Tree Fed	9-21-9-17 Sec 21 T09S R17E 1809 FSL 0560 FEL
43-013-33287	Lone Tree Fed	8-21-9-17 Sec 21 T09S R17E 2081 FNL 0827 FEL
43-013-33288	Lone Tree Fed	7-21-9-17 Sec 21 T09S R17E 2132 FNL 1941 FEL
43-013-33289	Lone Tree Fed	6-21-9-17 Sec 21 T09S R17E 1832 FNL 2002 FWL
43-013-33290	Lone Tree Fed	5-21-9-17 Sec 21 T09S R17E 1975 FNL 0658 FWL
43-013-33291	Lone Tree Fed	4-21-9-17 Sec 21 T09S R17E 0701 FNL 0557 FWL
43-013-33292	Lone Tree Fed	3-21-9-17 Sec 21 T09S R17E 0799 FNL 1965 FWL

Our records indicate the 13-21-9-17 and the 12-21-9-17 are closer than 460 feet from the Lone Tree Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Lone Tree Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 29, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Lone Tree Federal 2-21-9-17 Well, 578' FNL, 1943' FEL, NW NE, Sec. 21,
T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33281.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Lone Tree Federal 2-21-9-17
API Number: 43-013-33281
Lease: UTU-13905

Location: NW NE **Sec.** 21 **T.** 9 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

AUG 25 2006

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

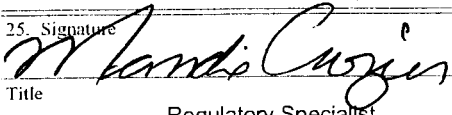
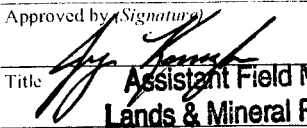
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-13905
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Lone Tree UTU-77236X
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Lone Tree Federal 2-21-9-17
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NE 578' FNL 1943' FEL At proposed prod. zone		9. API Well No. 43-013-33281
10. Field and Pool, or Exploratory Monument Butte		11. Sec., T., R., M., or Blk. and Survey or Area NW/NE Sec. 21, T9S R17E
12. Distance in miles and direction from nearest town or post office* Approximately 16.2 miles southeast of Myton, Utah		13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 578' f/lse, 1275' f/unit	16. No. of Acres in lease 1200.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1556'	19. Proposed Depth 5700'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5291' GL	22. Approximate date work will start* 4th Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/24/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kewer	Date 3-30-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

APR 09 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

NO NOS

UDOGM

07CXS0046A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Lone Tree Federal 2-21-9-17
API No: 43-013-33281

Location: NWNE, Sec. 21, T9S, R17E
Lease No: UTU-13905
Agreement: Lone Tree Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

General Surface COA

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

LEASE STIPULATIONS AND NOTICES:

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Wildlife stipulations:
None.

Lease Notices from Resource Management Plan:

The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

CONDITIONS OF APPROVAL:

- **Build diversion ditch along the west side of well pad as needed.**
- **ROW (Right of Way):**
Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction. The estimated time required for construction will be 15 days.
Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. The gas pipelines will be a surface 6" gas gathering line, and a surface 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. The estimated time required for construction will be 15 days.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Crested Wheatgrass (<i>Agropyron cristatum</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre
Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>)	1 lbs/acre

 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast

method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: LONE TREE FED 2-21-9-17

Api No: 43-013-33281 Lease Type: FEDERAL

Section 21 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 08/13/07

Time 9:30 AM

How DRY

Drilling will Commence: _____

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 08/13/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3830
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12417	4301333281	LONE TREE FED 2-21-9-17	NWNE	21	9S	17E	DUCHESNE	8/13/2007	8/28/07
WELL 1 COMMENTS: GRV											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11880	4301332808	BELUGA FED 15-18-9-17	SWSE	18	9S	17E	DUCHESNE	8/10/2007	8/28/07
GRV											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11492	4301333571	JONAH J-1-9-16	NENE	1	9S	16E	DUCHESNE	8/14/2007	8/28/07
GRV BHL = SENE											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- ACTION CODES** (See instructions on back of form)
- A - new entity for new wall (single wall only)
 - B - wall to existing entity (group or unit wall)
 - C - new one existing entity to another existing entity
 - D - wall from one existing entity is a new entity
 - E - ther (explain in coordinate section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
AUG 16 2007

DIV. OF OIL, GAS & MINING

Signature _____ Jentri Park
Production Clerk _____ August 16, 2007
Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

LONE TREE UNIT

8. Well Name and No.

LONE TREE FEDERAL 2-21-9-17

9. API Well No.

4301333281

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

578 FNL 1943 FEL

NWNE Section 21 T9S R17E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/13/07 MIRU NDSI NS #1. Spud well @ 9:30am. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 312.42' On 8/15/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

RECEIVED

AUG 17 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Don Bastian

Title

Drilling Foreman

Date

08/15/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 312.42

LAST CASING 8 5/8" SET AT 312.42'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Lone Tree Federal 2-21-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS #1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 41.50'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.57
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			302.42
TOTAL LENGTH OF STRING		302.42	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			312.42
TOTAL		300.57	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		300.57	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	8/13/2007	9:30 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		8/13/2007	3:00 PM	Bbls CMT CIRC TO SURFACE <u>5</u>			
BEGIN CIRC		8/15/2007	10:59 AM	RECIPROCATED PIPE FOR <u> </u> THRU <u> </u> FT STROKE			
BEGIN PUMP CMT		8/15/2007	11:08 AM	<u>N/A</u>			
BEGIN DSPL. CMT		8/15/2007	11:17 AM	BUMPED PLUG TO <u>110</u> PSI			
PLUG DOWN		8/15/2007	11:26 AM				

PLUG DOWN		8/19/2007	11:20 AM
CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third for 3			

COMPANY REPRESENTATIVE Don Bastian DATE 8/15/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-13905
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or LONE TREE UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 578 FNL 1943 FEL NWNE Section 21 T9S R17E		8. Well Name and No. LONE TREE FEDERAL 2-21-9-17
		9. API Well No. 4301333281
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	


13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/25/2007 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,700'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 147 jt's of 5.5 J-55, 15.5# csgn. Set @ 5676.45' / KB. Cement with 302sks cement mixed @ 11.0 ppg & 3.49 yld. The 436 sks cement mixed @ 14.4 ppg & 1.24 yld. With all spacers returned to pit. Nipple down Bop's. Drop slips @ 93,000 #'s tension. Release rig 5:30 am on 8/31/2007.

RECEIVED

SEP 04 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Troy Zufelt	Title Drilling Supervisor
Signature 	Date 08/31/2007

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5676.45

Flt cllr @ 5654.70

LAST CASING 8 5/8" Set @ 312.42

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Lone Tree Federal 2-21-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson-UTI Rig # 155

TD DRILLER 6650' TD loggers _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 5.90' @ 3638.72'					
146	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5642.70
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.5
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5678.45
TOTAL LENGTH OF STRING		5678.45	147	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		311.73	8	CASING SET DEPTH			5676.45
TOTAL		5974.93	155	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5974.93	155				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		8/29/2007	5:00 PM	GOOD CIRC THRU JOB Lost returns @ 105 bbls of displace gone			
CSG. IN HOLE		8/29/2007	8:30 PM	Bbls CMT CIRC to surface N/A			
BEGIN CIRC		8/29/2007	9:00 PM	RECIPROCATED PIPE FOR THRUSTROKE			
BEGIN PUMP CMT		8/29/2007	10:20 PM	DID BACK PRES. VALVE HOLD ? YES			
BEGIN DSPL. CMT		8/29/2007	11:14 PM	BUMPED PLUG TO 2100 PSI			
PLUG DOWN		8/29/2007	11:39 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	302	Premlite II w/ + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	436	50/50:2 W/ 2% Gel + 3% KCL,.5%EC1,1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Troy Zufelt

DATE 8/30/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

578 FNL 1943 FEL

NWNE Section 21 T9S R17E

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

LONE TREE UNIT

8. Well Name and No.

LONE TREE FEDERAL 2-21-9-17

9. API Well No.

4301333281

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

09/24/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

SEP 27 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-13905
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: LONE TREE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 578 FNL 1943 FEL		8. WELL NAME and NUMBER: LONE TREE FEDERAL 2-21-9-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWN, 21, T9S, R17E		9. API NUMBER: 4301333281
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/11/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 09/21/07, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>10/11/2007</u>

(This space for State use only)

RECEIVED
OCT 12 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

LONETREE 2-21-9-17**7/1/2007 To 11/30/2007****9/12/2007 Day: 1****Completion**

Rigless on 9/11/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5631' & cement top @ 327'. Perforate stage #1, CP3 sds @ 5286-92' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 24 shots. 135 BWTR. SWIFN.

9/18/2007 Day: 2**Completion**

Rigless on 9/17/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP3 sds, stage #1 down casing w/ 15,178#'s of 20/40 sand in 282 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3555 psi. Treated @ ave pressure of 2602 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2008. 417 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6k) composite flow through frac plug & 6' perf gun. Set plug @ 4920'. Perforate LODC sds @ 4814-20' w/ 3-1/8" Slick Guns (23 gram, .37"HE, 90°) w/ 4 spf for total of 24 shots. RU BJ & frac stage #2 w/ 14,793#'s of 20/40 sand in 274 bbls of Lightning 17 frac fluid. Open well w/ 1518 psi on casing. Perfs broke down @ 1670 psi. Treated @ ave pressure of 2221 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1432. 691 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 14' perf gun. Set plug @ 4775'. Perforate A3 sds @ 4735-49' w/ 4 spf for total of 56 shots. RU BJ & frac stage #3 w/ 70,617#'s of 20/40 sand in 580 bbls of Lightning 17 frac fluid. Open well w/ 1175 psi on casing. Perfs broke down @ 2425 psi. Treated @ ave pressure of 1673 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1762. 1271 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4630'. Perforate B.5 sds @ 4520-28' w/ 4 spf for total of 32 shots. RU BJ & frac stage #4 w/ 46,985#'s of 20/40 sand in 438 bbls of Lightning 17 frac fluid. Open well w/ 1120 psi on casing. Perfs broke down @ 1550 psi. Treated @ ave pressure of 1755 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. ISIP was 1864. 1709 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 280 bbls rec'd. SIFN.

9/20/2007 Day: 3**Completion**

Western #2 on 9/19/2007 - MIRU Western #2. Bleed off well to pit. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe rack (tallying & drifting tbg.). Tag CBP @ 4630'. RU powerswivel & pump. DU CBP in 17 min. Cont. RIH w/ tbg. Tag @ 4725'. C/O to CBP @ 4775'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag sand @ 4859'. C/O to CBP @ 4920'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag sand @ 5540'. C/O to PBTD @ 5645'. Circulate well clean. Pull up to 5580'. SWIFN.

9/21/2007 Day: 4**Completion**

Western #2 on 9/20/2007 - Bleed off well. RIH w/ swab. SFL @ surface. Made 14

runs. Recovered 143 bbls. Trace of oil. EFL @ 1900'. RD swab. RIH w/ tbg. Tag @ 5642'. C/O to PBTD @ 5645'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 167 jts 2 7/8" tbg. ND BOP. Set TAC @ 5257 w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 10' x 14' RHAC rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 85- 3/4" slick rods, 1 1/2" x 26' polished rod. SWIFN.

9/22/2007 Day: 5

Completion

Western #2 on 9/21/2007 - Cont. RIH w/ rods. Seat pump. Tbg. was full. Stroke test to 800 psi. RU pumping unit. Adjust tag. RD. Put well on production @ 9:30 a.m. 6 spm, 86" stroke length. Final Report.

Pertinent Files: Go to File List

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: LONE TREE FED 16-21-9-17

Api No: 43-013-33282 Lease Type: FEDERAL

Section 21 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/15/07

Time 5:00 PM

How DRY

Drilling will Commence: _____

Reported by DELL RAY

Telephone # (435) 828-6110

Date 10/16/07 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 578' FNL & 1943' FEL (NW/NE) Sec. 21, T9S, R17E

At top prod. Interval reported below

At total depth

14. API NO.

4301333281

DATE ISSUED

08/29/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

08/13/07

16. DATE T.D. REACHED

08/30/07

17. DATE COMPL. (Ready to prod.)

09/21/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5291' GL

19. ELEV. CASINGHEAD

5303' KB

20. TOTAL DEPTH, MD & TVD

5700'

21. PLUG BACK T.D., MD & TVD

5645'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4520'-5292'

25. WAS DIRECTIONAL

SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	312'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5676'	7-7/8"	302 sx Premlite II and 436 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5355'	TA @ 5257'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP3) 5286'-5292'	.49"	4/24	5286'-5292'
(LODC) 4814'-4820'	.37"	4/24	4814'-4820'
(A3) 4735'-4749'	.37"	4/56	4735'-4749'
(B.5) 4520'-4528'	.37"	4/32	4520'-4528'

33.* PRODUCTION

DATE FIRST PRODUCTION 09/21/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 10' x 14' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 41	GAS--MCF. 33	WATER--BBL. 3		GAS-OIL RATIO 805
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

DIV. OF OIL, GAS & MINING
Production Clerk

DATE

10/18/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TRUE VERT. DEPTH
			<div>Well Name</div> <div>Lone Tree Federal 2-21-9-17</div>	
			Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Wasatch Total Depth (LOGGERS)	3325' 3518' 3628' 3874' 4124' 4157' 4281' 4505' 4617' 5120' 5531' 5656' 5692'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: LONE TREE FED 2-21-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0578 FNL 1943 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013332810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/24/2014	OTHER: <input type="text" value="New Perforations"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 01/24/2014. New interval added: 3802-3811' 3JSPF. Initial MIT on the above listed well. On 01/24/2014 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 180 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10198		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 03, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/30/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11/24/14
Test conducted by: Bart Stubbs
Others present: Mike Jensen

-16/98

Well Name: <u>Long Tree Fed. 2-21-9-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>			
Location: <u>2</u>	Sec: <u>21</u>	T <u>9</u> N <u>(S)</u> R <u>17</u> E W	County: <u>Richesne</u> State: <u>Utah</u>
Operator: <u>Newfield Production</u>			
Last MIT: <u>1</u> / <u>1</u>		Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 / 180 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>180</u> psig	psig	psig
End of test pressure	<u>180</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1209</u> psig	psig	psig
5 minutes	<u>1207</u> psig	psig	psig
10 minutes	<u>1203</u> psig	psig	psig
15 minutes	<u>1199</u> psig	psig	psig
20 minutes	<u>1196</u> psig	psig	psig
25 minutes	<u>1193</u> psig	psig	psig
30 minutes	<u>1190</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

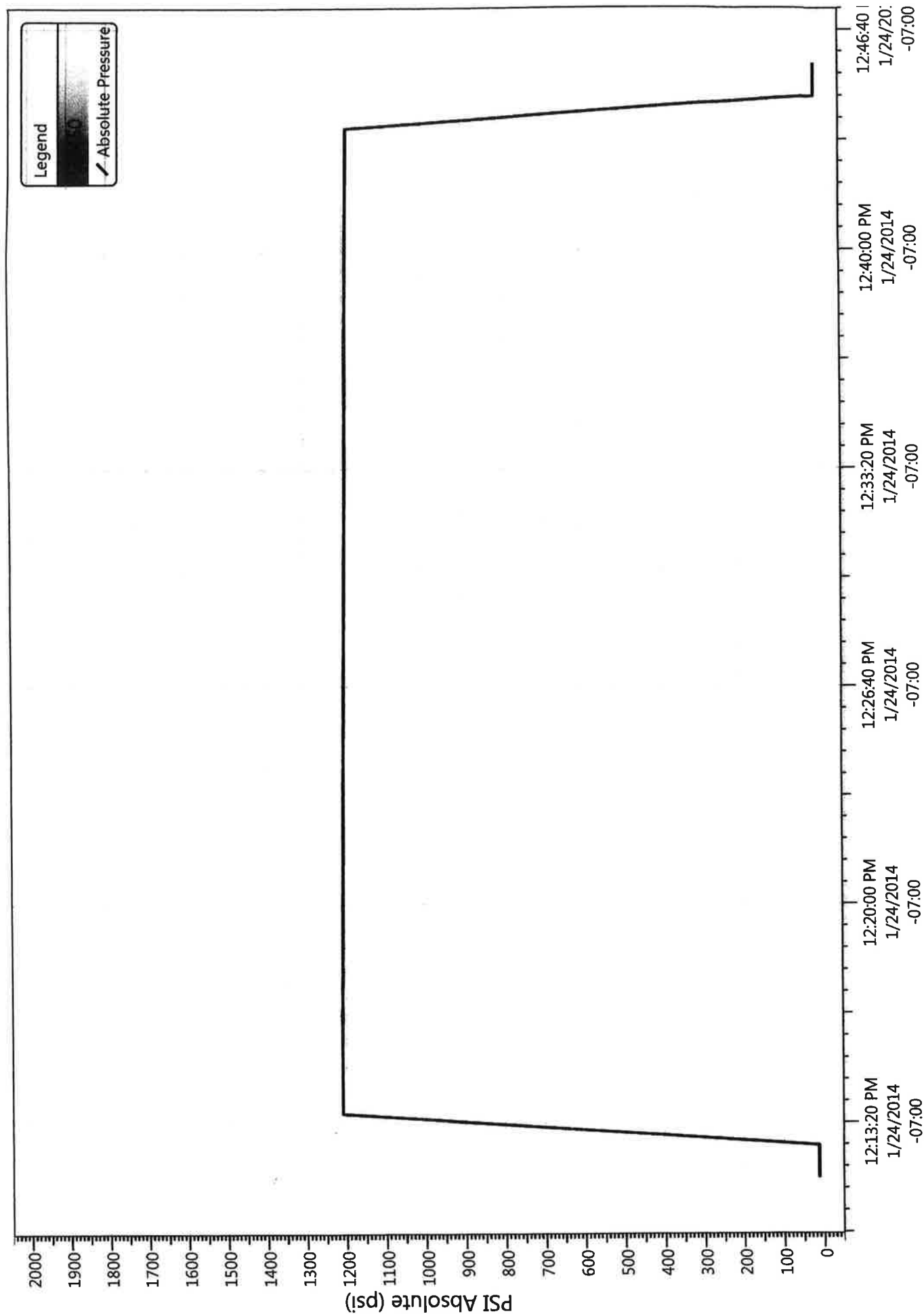
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Lone Tree Fed. 2-21-9-17 MIT (1-24-14)

1/24/2014 12:10:02 PM



Daily Activity Report

Format For Sundry

LONETREE 2-21-9-17

11/1/2013 To 3/28/2014

1/16/2014 Day: 1

Conversion

WC #2 on 1/16/2014 - MIRUSU. Flush rods. Test tbg. TOOH LD rods. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 40 bbls hot water down casing. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 40 bbls hot water down casing. - Unseat pump. Flush rods w/ 40 bbls water. Soft seat & test tbg to 3000 psi. Retrieve rods. TOOH w/ rods laying down on trailer, 1-1/2" x 22' polish rod, 84- 3/4" 4per guided. Flush w/ 20 bbls w/ 60 out. SIFN. - Unseat pump. Flush rods w/ 40 bbls water. Soft seat & test tbg to 3000 psi. Retrieve rods. TOOH w/ rods laying down on trailer, 1-1/2" x 22' polish rod, 84- 3/4" 4per guided. Flush w/ 20 bbls w/ 60 out. SIFN. - Held safety meeting & discussed JSA's & location hazards. Pump 40 bbls hot water down casing. Continue LD rods on trailer. - TOOH w/ tbg, doping, inspecting every pin. LD jts tbg. - RU Sand line & tag @ 5595'. 300' of rathole. - RU Sand line & tag @ 5595'. 300' of rathole. - RU tbg equipment. Release TA. RU Scheafer BOP's. - RU tbg equipment. Release TA. RU Scheafer BOP's. - TOOH w/ tbg, doping, inspecting every pin. LD jts tbg. - Held safety meeting & discussed JSA's & location hazards. Pump 40 bbls hot water down casing. Continue LD rods on trailer.

Daily Cost: \$0

Cumulative Cost: \$21,702

1/17/2014 Day: 3

Conversion

WC #2 on 1/17/2014 - RU WLT. Perf new zone. PU tools. TIH w/ frac string. Test casing. Break down zone. - Spot N-80 trailer. PU WCS "TS" RBP 5-1/2", ON/OFF tool, 4' x 2-3/8" pup joint, "HD" pkr. Tally, Drift & TIH w/ 2-7/8", N-80 frac string. 122 jts. Set RBP @ 3874'. Set pkr @ 3843'. Test tools to 4000 psi. Release pkr & set @ 3747'. Pressure casing to 1500 psi w/ 57 bbls. Break down GB4 sds w/ 35 bbls @ 3600 psi back tom 1200 psi w/ 3 bbls wtr @ 1 bpm. - Held safety meeting & dicussed sharing location & JSA's. RU WLT, crane & pack-off. RiH w/ 3-1/8" disposable perf guns (16 gram, .34"EH, 120?,21" pen) 3 spf. Perferate GB4 sds @ 3802-11' w/ ttl of 27 shots. RD WLT. - Wrap well head & hookup heater. SIFN.

Daily Cost: \$0

Cumulative Cost: \$40,124

1/21/2014 Day: 4

Conversion

WC #2 on 1/21/2014 - Frac well. Flow well back. Release tools. - Wait on frac crew. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Nabors frac crew. - Stage #1; GB4 sds. Test lines to 6200 psi. Pressure casing to 500 psi w/ 1 bbls water (pressure stayed there for frac). Open well w/ 284 psi on casing. Broke @ 3323 psi back to 1324 psi. Spear head 12 bbls of 15% HCL (rec'd 600 psi drop when hit perfs). ISIP was 1113 psi, .74FG. Treated @ ave pressure of 3037 @ ave rate of 18 bpm w/ 291 bbls of 17# Borate Xlink frac fluid in fresh wtr. Treated w/ 20,056#'s of 20/40 white sand @ 5 ppa. ISIP was 1661 w/ .89FG. Leave pressure on well. RD frac crew. - Flow well back on 26/64 choke then 30/64 choke for a total of 106 bbls rec'd w/ 1000#'s of sand. - Release PKR @ 3747'. Circulate tbg clean. RD frac valve. TIH w/ tbg to tag 35 ' of fill. C/O to RBP @ 3874' & release. TOOH w/ 4 jts tbg. SIFN.

Daily Cost: \$0

Cumulative Cost: \$82,418

1/22/2014 Day: 5**Conversion**

WC #2 on 1/22/2014 - LD frac string. TIH w/ Injection BHA. Test tbg. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 450 psi on casing. Pump 40 bbls wtr down tbg. - TOOH w/ N-80 frac string laying down on trailer. LD "HD" & "TS" tools. - Pump 10 bbls. Drop std vlve. Pressure tbg w/ 20 bbls wtr to 3000 psi. Lost 150 psi in 30 min. RU sand line. RIH & push Std vlve to SN. Test tbg again. Lost 100 psi in 30 min. Fish std vlve. Pump 10 bbls. Drop new std vlve. Pressure tbg to 3000 psi w/ 12 bbls. Looses 100 psi in 30 min. SIFM. - TIN w/ 2-3/8" wireline entry guide, XN nipple (2-3/8 x 1.875"), 2-3/8" collar, 2-3/8" x 4' pup jt, 2-7/8" to 2-3/8" X/O nipple, 5-1/2" x 2-7/8" Arrow Set 1 pkr, 2-7/8" x 1.875" seal nipple, 5-1/2" x 2-7/8" ON/OFF tool, 2-7/8" Seat Nipple, 145 jts J-55, 6.5\$, 8EUE tbg.

Daily Cost: \$0**Cumulative Cost:** \$102,357

1/23/2014 Day: 6**Conversion**

WC #2 on 1/23/2014 - Test tbg to 3000 psi. Test casing to 1400 psi. All test failed on casing. - Held safety meeting & discussed JSA's & location hazards. Testing tbg. Failed. RIH & tag Std vlve w/ sand line. Tested tbg to 3000 psi good. - RD BOP's. Set pkr @ 3757" CE w/ 17,000#'s tension. Pump Release off pkr w/ ON/OFF tool. Circulate 50 bbls of packer fluid. Retrieve pkr w/ ON/OFF tool. Pressure casing to 1500 psi. Test are failing from 300 psi in 10 min. Down to 100 psi in 30 min. to down to 70 psi in 30 min.

Daily Cost: \$0**Cumulative Cost:** \$116,392

1/24/2014 Day: 7**Conversion**

WC #2 on 1/24/2014 - Test casing. RDMOSU. Done MIT. - RDMOSU. Well ready for MIT. - Held safety meeting & discussed JSA's & location hazards. Casing has 450 psi overnight. Pressure casing 3 more times to 1400 psi to get good test in 30 min.

Daily Cost: \$0**Cumulative Cost:** \$125,794

1/27/2014 Day: 8**Conversion**

Rigless on 1/27/2014 - Conduct initial MIT - Initial MIT on the above listed well. On 01/24/2014 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 180 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10198

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$150,528

Pertinent Files: Go to File List

Spud Date: 08/13/07

Put on Production: 09/21/07

GL: 5291' KB: 5303'

LONE TREE FEDERAL 2-21-9-17

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (300.57')

DEPTH LANDED: 312.42' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts. (5663.20')

DEPTH LANDED: 5676.45' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 302 sxs Prem. Lite II mixed & 436 sxs 50/50 POZ.

CEMENT TOP: 327'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 119 jts. (3738.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3750.8' KB

ON/OFF TOOL AT: 3751.9'

ARROW #1 PACKER CE AT: 3757'

XO 2-3/8 x 2-7/8 J-55 AT: 3760.9'

TBG PUP 2-3/8 J-55 AT: 3761.5'

X/N NIPPLE AT: 3765.6'

TOTAL STRING LENGTH: EOT @ 3767.12'

Injection Wellbore
Diagram

Cement Top @ 327'

SN @ 3751'

On Off Tool @ 3752'

Packer @ 3757'

X/N Nipple @ 3766'

EOT @ 3767'

3802-3811'

4520-4528'

4735-4749'

4814-4820'

5286-5292'

PBTD @ 5645'

SHOE @ 5676'

TD @ 5700'

FRAC JOB

09/17/07 5286-5292'

Frac CP3 sands as follows:

15178# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2602 psi w/avg rate of 24.8 BPM. ISIP 2008 psi. Calc flush: 5284 gal. Actual flush: 4788 gal.

09/17/07 4814-4820'

Frac L.ODC sands as follows:

14793# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2221 psi w/avg rate of 24.8 BPM. ISIP 1432 psi. Calc flush: 4812 gal. Actual flush: 4368 gal.

09/17/07 4735-4749'

Frac A3 sands as follows:

70617# 20/40 sand in 580 bbls Lightning 17 frac fluid. Treated @ avg press of 1673 psi w/avg rate of 24.8 BPM. ISIP 1762 psi. Calc flush: 4733 gal. Actual flush: 4242 gal.

09/17/07 4520-4528'

Frac B.5 sands as follows:

46985# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 1755 psi w/avg rate of 24.8 BPM. ISIP 1864 psi. Calc flush: 4518 gal. Actual flush: 4494 gal.

01/21/14 3802-3811'

Frac GB4 sands as follows: 20056# 20/40 sand in 279 bbls Lightning 17 frac fluid

01/24/14

Convert to Injection Well

01/24/14

Conversion MIT Finalized -- update tbg detailPERFORATION RECORD

09/11/07	5286-5292'	4 JSPF	24 holes
09/17/07	4814-4820'	4 JSPF	24 holes
09/17/07	4735-4749'	4 JSPF	56 holes
09/17/07	4520-4528'	4 JSPF	32 holes
01/17/14	3802-3811'	3 JSPF	27 holes



LONE TREE FEDERAL 2-21-9-17

578'FNL & 1943' FEL
NW/NE Section 21-T9S-R17E
Duchesne Co, Utah
API #43-013-33281; Lease # UTU-13905

LCN 01/27/14



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 29, 2014

Rosie Purnell
NEWFIELD PRODUCTION COMPANY
Rt 3 Box 3630
Myton, UT 84052

RE: Designation of Workover or Recompletion, Form 15.

Dear Rosie Purnell,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the LONE TREE FED 2-21-9-17 well (43013332810000). Total expenses in the amount of \$ 89822.00 were submitted for the Production Enhancement work that commenced on January 16, 2014 and was completed on January 24, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 89822.00.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure
Operator file

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 15

AMENDED REPORT

Original Filing Date: 4/24/2014

DESIGNATION OF WORKOVER OR RECOMPLETION

1. Name of Operator NEWFIELD PRODUCTION COMPANY	2. Utah Account Number 82695.1	5. Well Name and Number LONE TREE FED 2-21-9-17
3. Address of Operator City State Zip 1001 17th Street, Suite 2000 Denver CO 80202	4. Phone Number 303 382-4443	6. API Number 4301333281
9. Location of Well Footage: 0578 FNL 1943 FEL County: DUCHESNE QQ, Sec, Twnp, Rnge: NWNE 21 090S 170E State : UTAH		7. Field Name MONUMENT BUTTE 8. Field Code Number 105

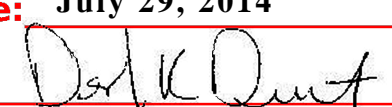
COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.

10. TYPE OF WORK (Check all that apply) <input type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well	11. WORK PERIOD Date work commenced: 1/16/2014 90 Days From Date work completed: 1/24/2014 Completion
--	--

12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:

<u>Description Of Work</u>	<u>Expenses</u>	<u>Approved By State</u>
a. Location preparation and cleanup	48.00	48.00
b. Move-in, rig-up, and rig-down (including trucking)	0.00	0.00
c. Rig charges (including fuel)	34424.00	34424.00
d. Drill pipe or other working string	0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)	17087.00	17087.00
f. Equipment purchase	0.00	0.00
g. Equipment rental	5567.00	5567.00
h. Cementing	0.00	0.00
i. Perforating	2120.00	2120.00
j. Acidizing	0.00	0.00
k. Fracture stimulation	28246.00	28246.00
l. Logging services	0.00	0.00
m. Supervision and overhead	2330.00	2330.00
n. Other (itemize)	0.00	0.00
0	0.00	0.00
0	0.00	0.00
o. Total submitted expenses	89822.00	
p. Total approved expenses (State use only)		89822.00

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: July 29, 2014
 By: 

13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.		
Contractor	Location (City, State)	Services Provided
Nabors Completion and Production Services	Houston TX	Completion Rig
Wildcat Energy Services LLC	Blanding UT	Completion Rig
Weatherford US LP	Houston TX	Equipment Rental Completion Rig

14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.			
Name	Address	Utah Account No.	Percent of Interest

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Rosie Purnell

TITLE Revenue Accountant II

PHONE 281 210-5460

SIGNATURE Rosie Purnell

DATE April 24, 2014

E-MAIL rpurnell@newfield.com

RECEIVED: Apr. 24, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-13905

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER8. WELL NAME and NUMBER:
LONE TREE FEDERAL 2-21-9-172. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY9. API NUMBER:
43013332813. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.372110. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 578 FNL 1943 FEL

COUNTY: DUCHESNE

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: NWNE, 21, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>01/24/2014</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - New Perforation	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 01/24/2014.

New interval added: 3802-3811' 3JSPF.

Initial MIT on the above listed well. On 01/24/2014 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 180 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT22197-10198

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE

DATE 01/30/2014

Daily Activity Report

Format For Sundry

LONETREE 2-21-9-17

11/1/2013 To 3/28/2014

1/16/2014 Day: 1

Conversion

WC #2 on 1/16/2014 - MIRUSU. Flush rods. Test tbg. TOOHD LD rods. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 40 bbls hot water down casing. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 40 bbls hot water down casing. - Unseat pump. Flush rods w/ 40 bbls water. Soft seat & test tbg to 3000 psi. Retrieve rods. TOOHD w/ rods laying down on trailer, 1-1/2" x 22' polish rod, 84- 3/4" 4per guided. Flush w/ 20 bbls w/ 60 out. SIFN. - Unseat pump. Flush rods w/ 40 bbls water. Soft seat & test tbg to 3000 psi. Retrieve rods. TOOHD w/ rods laying down on trailer, 1-1/2" x 22' polish rod, 84- 3/4" 4per guided. Flush w/ 20 bbls w/ 60 out. SIFN. - Held safety meeting & discussed JSA's & location hazards. Pump 40 bbls hot water down casing. Continue LD rods on trailer. - TOOHD w/ tbg, doping, inspecting every pin. LD jts tbg. - RU Sand line & tag @ 5595'. 300' of rathole. - RU Sand line & tag @ 5595'. 300' of rathole. - RU tbg equipment. Release TA. RU Scheafer BOP's. - RU tbg equipment. Release TA. RU Scheafer BOP's. - TOOHD w/ tbg, doping, inspecting every pin. LD jts tbg. - Held safety meeting & discussed JSA's & location hazards. Pump 40 bbls hot water down casing. Continue LD rods on trailer.

Daily Cost: \$0

Cumulative Cost: \$21,702

1/17/2014 Day: 3

Conversion

WC #2 on 1/17/2014 - RU WLT. Perf new zone. PU tools. TIH w/ frac string. Test casing. Break down zone. - Spot N-80 trailer. PU WCS "TS" RBP 5-1/2", ON/OFF tool, 4' x 2-3/8" pup joint, "HD" pkr. Tally, Drift & TIH w/ 2-7/8", N-80 frac string. 122 jts. Set RBP @ 3874'. Set pkr @ 3843'. Test tools to 4000 psi. Release pkr & set @ 3747'. Pressure casing to 1500 psi w/ 57 bbls. Break down GB4 sds w/ 35 bbls @ 3600 psi back to 1200 psi w/ 3 bbls wtr @ 1 bpm. - Held safety meeting & discussed sharing location & JSA's. RU WLT, crane & pack-off. RIH w/ 3-1/8" disposable perf guns (16 gram, .34"EH, 120?,21" pen) 3 spf. Perforate GB4 sds @ 3802-11' w/ ttl of 27 shots. RD WLT. - Wrap well head & hookup heater. SIFN.

Daily Cost: \$0

Cumulative Cost: \$40,124

1/21/2014 Day: 4

Conversion

WC #2 on 1/21/2014 - Frac well. Flow well back. Release tools. - Wait on frac crew. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Nabors frac crew. - Stage #1; GB4 sds. Test lines to 6200 psi. Pressure casing to 500 psi w/ 1 bbls water (pressure stayed there for frac). Open well w/ 284 psi on casing. Broke @ 3323 psi back to 1324 psi. Spear head 12 bbls of 15% HCL (rec'd 600 psi drop when hit perfs). ISIP was 1113 psi, .74FG. Treated @ ave pressure of 3037 @ ave rate of 18 bpm w/ 291 bbls of 17# Borate Xlink frac fluid in fresh wtr. Treated w/ 20,056#'s of 20/40 white sand @ 5 ppa. ISIP was 1661 w/ .89FG. Leave pressure on well. RD frac crew. - Flow well back on 26/64 choke then 30/64 choke for a total of 106 bbls rec'd w/ 1000#'s of sand. - Release PKR @ 3747'. Circulate tbg clean. RD frac valve. TIH w/ tbg to tag 35' of fill. C/O to RBP @ 3874' & release. TOOHD w/ 4 jts tbg. SIFN.

Daily Cost: \$0

Cumulative Cost: \$82,418

1/22/2014 Day: 5

Conversion

WC #2 on 1/22/2014 - LD frac string. TIH w/ Injection BHA. Test tbq. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 450 psi on casing. Pump 40 bbls wtr down tbq. - TOOH w/ N-80 frac string laying down on trailer. LD "HD" & "TS" tools. - Pump 10 bbls. Drop std vlve. Pressure tbq w/ 20 bbls wtr to 3000 psi. Lost 150 psi in 30 min. RU sand line. RIH & push Std vlve to SN. Test tbq again. Lost 100 psi in 30 min. Fish std vlve. Pump 10 bbls. Drop new std vlve. Pressure tbq to 3000 psi w/ 12 bbls. Looses 100 psi in 30 min. SIFM. - TIN w/ 2-3/8" wireline entry guide, XN nipple (2-3/8 x 1.875"), 2-3/8" collar, 2-3/8" x 4' pup jt, 2-7/8" to 2-3/8" X/O nipple, 5-1/2" x 2-7/8" Arrow Set 1 pkr, 2-7/8" x 1.875" seal nipple, 5-1/2" x 2-7/8" ON/OFF tool, 2-7/8" Seat Nipple, 145 jts J-55, 6.5\$, 8EUE tbq.

Daily Cost: \$0

Cumulative Cost: \$102,357

1/23/2014 Day: 6

Conversion

WC #2 on 1/23/2014 - Test tbq to 3000 psi. Test casing to 1400 psi. All test failed on casing. - Held safety meeting & discussed JSA's & location hazards. Testing tbq. Failed. RIH & tag Std vlve w/ sand line. Tested tbq to 3000 psi good. - RD BOP's. Set pkr @ 3757" CE w/ 17,000#'s tension. Pump Release off pkr w/ ON/OFF tool. Circulate 50 bbls of packer fluid. Retrieve pkr w/ ON/OFF tool. Pressure casing to 1500 psi. Test are failing from 300 psi in 10 min. Down to 100 psi in 30 min. to down to 70 psi in 30 min.

Daily Cost: \$0

Cumulative Cost: \$116,392

1/24/2014 Day: 7

Conversion

WC #2 on 1/24/2014 - Test casing. RDMOSU. Done MIT. - RDMOSU. Well ready for MIT. - Held safety meeting & discussed JSA's & location hazards. Casing has 450 psi overnight. Pressure casing 3 more times to 1400 psi to get good test in 30 min.

Daily Cost: \$0

Cumulative Cost: \$125,794

1/27/2014 Day: 8

Conversion

Rigless on 1/27/2014 - Conduct initial MIT - Initial MIT on the above listed well. On 01/24/2014 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 180 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10198 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$150,528

Pertinent Files: Go to File List

CREDITS FOR INJECTION CONVERSION / RECOMPLETION**LONE TREE FEDERAL 2-21-9-17
CONVERSION****Date Commenced 1/16/2014****API Number 43-013-33281****Date Completed 1/24/2014**

Location	Rig Charges	Water and Chemicals	Equipment Purchase	Equipment Rental	Perforating	Acidizing	Fracture Stimulation	Logging Services	Supervision and Overhead	Other	SUPER
		5,875							-		administrative overhead
		9,316									transportation and hauling
							28,246				hot oil
				4,595							acidizing & fracing
		286									equipment rentals
		1,610									complt n fluids/water/chemical
					2,120						water disposal
	34,424										wireline/logging/perforating
	-										completion rig
48											rig mob & demob
									2,330		location prep, rmdtn & mntnc
				972							labor, supervision
48	34,424	17,087	-	5,567	2,120	-	28,246	-	2,330	-	downhole equipment rental

89,823**TOTAL**

Source (Multiple Items) LONE TREE FEDERAL 2-21-9-17

Sum of Line Amount				
Account	Account Name	Service Date	Party Name	Total
885102	Cased Hole Electric Wireline	1/17/2014	PERFORATORS LLC	2120
		1/17/2014 Total		2120
	Cased Hole Electric Wireline Total			2120
885102 Total				2120
885107	Chemical Treatment-Subsurface	1/17/2014	MULTI-CHEM GROUP LLC	285.93
		1/17/2014 Total		285.93
	Chemical Treatment-Subsurface Total			285.93
885107 Total				285.93
885120	Fluid Disposal	1/22/2014	OILFIELD CLASS TRANSPORTS INC	950
		1/22/2014 Total		950
		1/24/2014	OILFIELD CLASS TRANSPORTS INC	450
		1/24/2014 Total		450
		2/12/2014	DT TRUCKING LLC	210
	2/12/2014 Total		210	
Fluid Disposal Total			1610	
885120 Total				1610
885122	Formation Stimulation - Fracturing	1/21/2014	NABORS COMPLETION & PRODUCTION SERVICES	26455.66
		1/21/2014 Total		26455.66
	Formation Stimulation - Fracturing Total			26455.66
885122 Total				26455.66
885123	Formation Stimulation - Other	1/18/2014	HL PRODUCTION SERVICES LLC	249.43
		1/18/2014 Total		249.43
		1/25/2014	HL PRODUCTION SERVICES LLC	698.41
		1/25/2014 Total		698.41
		1/26/2014	ZUBIATE MACHINE WORKS LLC	593.32
		1/26/2014 Total		593.32
		1/28/2014	HL PRODUCTION SERVICES LLC	249.43
	1/28/2014 Total		249.43	
Formation Stimulation - Other Total			1790.59	
885123 Total				1790.59
885128	Hot Oiling Services	12/19/2013	BMW HOT OIL INC	1744.96
		12/19/2013 Total		1744.96
		1/15/2014	HIGH DESERT TRUCKING INC	1590
		1/15/2014 Total		1590
		1/16/2014	HIGH DESERT TRUCKING INC	2280
		1/16/2014 Total		2280
		1/22/2014	BMW HOT OIL INC	1695.24
		1/22/2014 Total		1695.24
		1/23/2014	BMW HOT OIL INC	1646.23
		1/23/2014 Total		1646.23
		1/24/2014	BMW HOT OIL INC	360
	1/24/2014 Total		360	
Hot Oiling Services Total			9316.43	
885128 Total				9316.43
885138	Automation	1/31/2014	WINN-MARION BARBER LLC	3698.14
		1/31/2014 Total		3698.14
		2/4/2014	WINN-MARION BARBER LLC	7678.86
		2/4/2014 Total		7678.86
		2/6/2014	RYAN ROSS SERVICES INC	228
		2/6/2014 Total		228
		2/11/2014	CIMATION LLC	109
		2/11/2014 Total		109
	2/18/2014	PARAGON AUTOMATION INC	3126.53	
2/18/2014 Total		3126.53		
Automation Total			14840.53	
885138 Total				14840.53
885140	Labor - Company Employees	2/28/2014	(blank)	1961.75
		2/28/2014 Total		1961.75
		3/31/2014	(blank)	274.65
	3/31/2014 Total		274.65	
Labor - Company Employees Total			2236.4	
885140 Total				2236.4
885141	Labor - Contract Employees	1/15/2014	JESSEN ELECTRIC INC	143.08
		1/15/2014 Total		143.08
		1/16/2014	JESSEN ELECTRIC INC	286.91
		1/16/2014 Total		286.91
		1/31/2014	US OILFIELD SERVICES LLC	1900
1/31/2014 Total		1900		

885141	Labor - Contract Employees Total		2329.99	
885141 Total			2329.99	✓
885144	Location Remediation & Maintenance	1/27/2014	RASMUSSEN ROCK	48.41
		1/27/2014 Total		48.41
	Location Remediation & Maintenance Total			48.41
885144 Total				48.41
885146	Miscellaneous Services	12/10/2013	BENCO OIL SERVICES INC	387
		12/10/2013 Total		387
		1/31/2014	US OILFIELD SERVICES LLC	585
		1/31/2014 Total		585
	Miscellaneous Services Total			972
885146 Total				972
885150	Rig Costs - Dayrate	1/15/2014	WILDCAT ENERGY SERVICES LLC ✓	19460
		1/15/2014 Total		19460
		1/17/2014	OUTBACK RENTALS & LANDSCAPE SUPPLIES ✓	3031.29
		1/17/2014 Total		3031.29
		1/24/2014	WILDCAT ENERGY SERVICES LLC ✓	11932.5
		1/24/2014 Total		11932.5
	Rig Costs - Dayrate Total			34423.79
885150 Total				34423.79
885162	Transportation - Land	1/15/2014	ZUBIATE HOT OIL	903.5
		1/15/2014 Total		903.5
		1/16/2014	US OILFIELD SERVICES LLC	312.5
			WESTERN WELL SERVICE INC	112.5
			ZUBIATE HOT OIL	556
		1/16/2014 Total		981
		1/17/2014	RUNNERS INC	1860
		1/17/2014 Total		1860
		1/23/2014	ZUBIATE HOT OIL	278
		1/23/2014 Total		278
		1/24/2014	RUNNERS INC	1365.95
			ZUBIATE HOT OIL	486.5
		1/24/2014 Total		1852.45
	Transportation - Land Total			5874.95
885162 Total				5874.95
885302	Blow Out Preventors	1/23/2014	WEATHERFORD ✓	4169.93
		1/23/2014 Total		4169.93
		1/24/2014	LANDMARK ENERGY SERVICES INC	425.4
		1/24/2014 Total		425.4
	Blow Out Preventors Total			4595.33
885302 Total				4595.33
885304	Completion Fluids	1/13/2014	SHIELDS TRUCKING INC	189.5
		1/13/2014 Total		189.5
		1/15/2014	IOWA TANKLINES INC	829.5
		1/15/2014 Total		829.5
		1/18/2014	IOWA TANKLINES INC	894
		1/18/2014 Total		894
		1/19/2014	IOWA TANKLINES INC	186
		1/19/2014 Total		186
		1/20/2014	IOWA TANKLINES INC	39
			PREFERRED HOT OIL LLC	1440
		1/20/2014 Total		1479
		1/23/2014	BAKER HUGHES BUSINESS SUPPORT SERVICES	153.27
		1/23/2014 Total		153.27
	Completion Fluids Total			3731.27
885304 Total				3731.27
885310	Drill String	2/25/2014	PIPE RENEWAL SERVICE MANAGEMENT INC	3697.05
		2/25/2014 Total		3697.05
		3/31/2014	NEWFIELD DRILLING SERVICES INC	1278
		3/31/2014 Total		1278
	Drill String Total			4975.05
885310 Total				4975.05
885346	Tools & Supplies	1/17/2014	WEATHERFORD	6210.44
		1/17/2014 Total		6210.44
	Tools & Supplies Total			6210.44
885346 Total				6210.44
885604	Packers & Liner Hangers	1/21/2014	WEATHERFORD	7005.72
		1/21/2014 Total		7005.72
	Packers & Liner Hangers Total			7005.72
885604 Total				7005.72
885613	Pipe - Tubing	1/24/2014	(blank)	-1606.5
		1/24/2014 Total		-1606.5


885613	Pipe - Tubing Total			-1606.5
885613 Total				-1606.5
885614	Rods	1/24/2014	(blank)	-768
		1/24/2014 Total		-768
	Rods Total			-768
885614 Total				-768
885616	Tubing Accessories	1/22/2014	JOHN CRANE PRODUCTION SOLUTIONS INC	393.48
		1/22/2014 Total		393.48
	Tubing Accessories Total			393.48
885616 Total				393.48
885617	Wellhead	1/27/2014	VETCO GRAY INC	2998.89
		1/27/2014 Total		2998.89
		1/28/2014	PARAGON OILFIELD PRODUCTS	379.79
		1/28/2014 Total		379.79
		1/30/2014	US OILFIELD SERVICES LLC	1925
		1/30/2014 Total		1925
	Wellhead Total			5303.68
885617 Total				5303.68
(blank)	(blank)	(blank)	(blank)	0
		(blank) Total		0
	(blank) Total			0
(blank) Total				0
Grand Total				132145.15

Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline		\$0.00	\$2,120.00
885103	Casing Crews & Running Tools - Casing & Tubing		\$0.00	\$2,950.00
885120	Fluid Disposal	Fluid Disposal	\$600.00	\$5,600.00
885122	Formation Stimulation - Fracturing		\$0.00	\$26,455.00
885123	Formation Stimulation		\$0.00	\$2,804.00
885128	Hot Oiling Services	Hot Oiler	\$1,900.00	\$10,860.00
885138	Instrumentation	Instrumentation	\$8,400.00	\$8,400.00
885139	Labor - Company Supervision	NFX Supervision	\$600.00	\$2,400.00
885140	Labor - Company Employees	NFX Labor	\$160.00	\$160.00
885141	Labor - Contract Employees	Contract Labor	\$11,774.00	\$12,199.00
885144	Location Remediation & Maintenance		\$0.00	\$1,875.00
885146	Miscellaneous Services		\$0.00	\$1,550.00
885150	Rig Costs - Dayrate		\$0.00	\$31,391.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land	Transportation	\$1,300.00	\$9,100.00
885302	Blowout Preventers		\$0.00	\$3,250.00
885304	Completion Fluids		\$0.00	\$4,075.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$24,734.00	\$125,189.00
885346	Tools & Supplies		\$0.00	\$5,852.00
885604	Packers & Liner Hangers		\$0.00	\$6,587.00
885613	Pipe - Tubing		\$0.00	(\$1,100.00)
885614	Rods		\$0.00	(\$1,500.00)
885617	Wellhead		\$0.00	\$15,500.00
Total Tangibles:			\$0.00	\$25,339.00
Total Daily Costs:			\$24,734.00	\$150,528.00

Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline		\$0.00	\$2,120.00
885103	Casing Crews & Running Tools - Casing & Tubing	Rent work string & frac valve	\$2,950.00	\$2,950.00
885120	Fluid Disposal		\$0.00	\$5,000.00
885122	Formation Stimulation - Fracturing		\$0.00	\$26,455.00
885123	Formation Stimulation		\$0.00	\$2,804.00
885128	Hot Oiling Services	BMW Hot Oil	\$1,560.00	\$8,960.00
885139	Labor - Company Supervision	Ron Shuck	\$300.00	\$1,800.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$425.00
885144	Location Remediation & Maintenance		\$0.00	\$1,875.00
885146	Miscellaneous Services	Outback heater	\$1,550.00	\$1,550.00
885150	Rig Costs - Dayrate	WC #2	\$1,692.00	\$31,391.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land	Zubiate trkg \$1550, US oil \$450	\$2,000.00	\$7,800.00
885302	Blowout Preventers		\$0.00	\$3,250.00
885304	Completion Fluids	MultiChem	\$450.00	\$4,075.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$10,502.00	\$100,455.00
885346	Tools & Supplies		\$0.00	\$5,852.00
885604	Packers & Liner Hangers		\$0.00	\$6,587.00
885613	Pipe - Tubing	Returned 51 jts tbg	(\$1,100.00)	(\$1,100.00)
885614	Rods		\$0.00	(\$1,500.00)
885617	Wellhead		\$0.00	\$15,500.00
Total Tangibles:			(\$1,100.00)	\$25,339.00
Total Daily Costs:			\$9,402.00	\$125,794.00

		<h1>Final Daily Workover Report</h1> <p>INJCNV</p>		Well Name: LONETREE 2-21-9-17 AFE: 42356 Report Date: 1/23/2014 Operation: Test tbq. Set pkr. Test casing.	
Field:	GMBU CTB6	Rig Name:	WC #2	Work Performed:	1/23/2014
Location:	S21 T9S R17E	Supervisor:	Ron Shuck	Day:	6
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$14,035
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$116,392
Reason for Workover:	Conversion				

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:		Test tbg to 3000 psi. Test casing to 1400 psi. All test failed on casing.					
24 Hr. Plan Forward:		Continuen test casing to 1400 psi.					
Incidents	None	Newfield Pers:	2	Contract Pers:	13	Conditions:	Sunny

Activity Summary

7:00 AM - 9:30 AM; 2.5 Hr(s); P: Held safety meeting & discussed JSA's & location hazards. Testing tbg. Failed. RIH & tag Std vlve w/ sand line. Tested tbg to 3000 psi good.
P: RD BOP's. Set pkr @ 3757" CE w/ 17,000#'s tension. Pump Release off pkr w/ ON/OFF tool. Circulate 50 bbls of packer fluid. Retrieve pkr w/ ON/OFF tool. Pressure casing to 1500 psi.
Test are failing from 300 psi in 10 min. Down to 100 psi in 30 min. to down to 70 psi in 30 min.

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		312									
Production	5 1/2"	15.5	J-55	STL		5655	5645		327'						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB						12.0	0.0	12 '			
Tubing	119	2-7/8"	6.5	J-55	8 RND EUE	3750.4	12.0	3762.43 '			
Seating Nipple	1	2-7/8"	6.5	J-55	8 RND EUE	1.1	3762.4	3763.53 '			
ON/OFF tool	1	2-7/8"	6.5	J-55	8 RND EUE	1.9	3763.5	3765.47 '			
Packer	2	2-7/8"	6.5	J-55	8 RND EUE	7.0	3765.5	3772.5 '			CE @ 3757"
XO	1	2-7/8"			8 RND EUE	0.6	3772.5	3773.05 '			
Tubing Pup	1	2-3/8"		J-55	8 RND EUE	4.2	3773.1	3777.2 '			
XN nipple	1	2-3/8"		J-55	8 RND EUE	1.1	3777.2	3778.3 '			1.875" ID
Wireline entry guide	1	2-3/8"		J-55	8 RND EUE	0.4	3778.3	3778.72 '			

Pump Information

Stroke Length:	0	SPM:	0	Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:	0	Motor Description:					

Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description
	0	0'	0'	0'	0	

[illegible]

Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline		\$0.00	\$2,120.00
885120	Fluid Disposal	Oilfield Class	\$5,000.00	\$5,000.00
885122	Formation Stimulation - Fracturing		\$0.00	\$26,455.00
885123	Formation Stimulation		\$0.00	\$2,804.00
885128	Hot Oiling Services		\$0.00	\$7,400.00
885139	Labor - Company Supervision	Ron Shuck	\$300.00	\$1,500.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$425.00
885144	Location Remediation & Maintenance	BMW	\$1,875.00	\$1,875.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	WC #2	\$5,110.00	\$29,699.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land		\$0.00	\$5,800.00
885302	Blowout Preventers	WCS	\$1,750.00	\$3,250.00
885304	Completion Fluids		\$0.00	\$3,625.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$14,035.00	\$89,953.00
885346	Tools & Supplies		\$0.00	\$5,852.00
885604	Packers & Liner Hangers		\$0.00	\$6,587.00
885613	Pipe - Tubing		\$0.00	\$0.00
885614	Rods		\$0.00	(\$1,500.00)
885617	Wellhead		\$0.00	\$15,500.00
Total Tangibles:			\$0.00	\$26,439.00
Total Daily Costs:			\$14,035.00	\$116,392.00

Failures

Summaries

Activity Summary

Casing Data

Tubing Data


Pump Information

[illegible]

Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline		\$0.00	\$2,120.00
885120	Fluid Disposal		\$0.00	\$0.00
885122	Formation Stimulation - Fracturing		\$0.00	\$26,455.00
885123	Formation Stimulation		\$0.00	\$2,804.00
885128	Hot Oiling Services	BMW Hot Oil	\$1,695.00	\$7,400.00
885139	Labor - Company Supervision	Ron Shuck	\$300.00	\$1,200.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$425.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	WC #2	\$5,130.00	\$24,589.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land		\$0.00	\$5,800.00
885302	Blowout Preventers	WCS	\$375.00	\$1,500.00
885304	Completion Fluids		\$0.00	\$3,625.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$7,500.00	\$75,918.00
885346	Tools & Supplies	WCS "TS" & "HD"	\$5,852.00	\$5,852.00
885604	Packers & Liner Hangers	Arrow Set 1	\$6,587.00	\$6,587.00
885613	Pipe - Tubing		\$0.00	\$0.00
885614	Rods		\$0.00	(\$1,500.00)
885617	Wellhead		\$0.00	\$15,500.00
Total Tangibles:			\$12,439.00	\$26,439.00
Total Daily Costs:			\$19,939.00	\$102,357.00

Day 4

		Final Daily Workover Report INJCNV		Well Name:	LONETREE 2-21-9-17
				AFE:	42356
				Report Date:	1/21/2014
				Operation:	Frac & flowback well. Release tools.
Field:	GMBU CTB6	Rig Name:	WC #2	Work Performed:	1/21/2014
Location:	S21 T9S R17E	Supervisor:	Ron Shuck	Day:	4
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$42,294
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$82,418
Reason for Workover:		Conversion			

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:	Frac well. Flow well back. Release tools.				
24 Hr. Plan Forward:	TOOH w/ frac string laying down. TIH w/ production.				
Incidents	None	Newfield Pers:	1	Contract Pers:	27
				Conditions:	Sunny

Activity Summary

7:00 AM - 10:00 AM; 3 Hr(s); P: Wait on frac crew.
10:00 AM - 1:30 PM; 3.5 Hr(s); P: Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Nabors frac crew.
1:30 PM - 2:00 PM; 0.5 Hr(s); P: Stage #1; GB4 sds. Test lines to 6200 psi. Pressure casing to 500 psi w/ 1 bbls water (pressure stayed there for frac). Open well w/ 284 psi on casing. Broke @ 3323 psi back to 1324 psi. Spear head 12 bbls of 15% HCL (rec'd 600 psi drop when hit perms). ISIP was 1113 psi, .74FG. Treated @ ave pressure of 3037 @ ave rate of 18 bpm w/ 291 bbls of 17# Borate Xlink frac fluid in fresh wtr. Treated w/ 20,056#s of 20/40 white sand @ 5 ppa. ISIP was 1661 w/ .89FG. Leave pressure on well. RD frac crew.
2:00 PM - 3:00 PM; 1 Hr(s); P: Flow well back on 26/64 choke then 30/64 choke for a total of 106 bbls rec'd w/ 1000#s of sand.
3:00 PM - 5:00 PM; 2 Hr(s); P: Release PKR @ 3747'. Circulate tbg clean. RD frac valve. TIH w/ tbg to tag 35' of fill. C/O to RBP @ 3874' & release. TOOH w/ 4 jts tbg. SIFN.

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		312									
Production	5 1/2"	15.5	J-55	STL		5655	5645		327'						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB											
Tubing	167	2-7/8"	6.5	J-55	8 RND EUE	5244.8		5244.75'			
Tubing Anchor	1	2-7/8"	6.5	J-55	8 RND EUE	2.8	5244.8	5247.55'			
Tubing	1	2-7/8"	6.5	J-55	8 RND EUE	31.6	5247.6	5279.15'			
Seating Nipple	1	2-7/8"			8 RND EUE	0.5	5279.2	5279.6'			
Tubing	2	2-7/8"	6.5	J-55	8 RND EUE	62.7	5279.6	5342.26'			
Notched Collar	1	2-7/8"			8 RND EUE	0.5	5342.3	5342.71'			

Rod Detail Data

Count	Component	Size	Grade	Length	Top	Bottom	Comments
1	Polish Rod	1 1/2"	4140	26		26	
1	Pony Rod	3/4"	Norris 54	2	26	28	
100	Guided Rod	3/4"	Norris 54	2500	28	2528	
85	Guided Rod	3/4"	Norris 54	2125	2528	4653	
20	Guided Rod	3/4"	Norris 54	500	4653	5153	
6	Sinker Bar	1 1/2"	C(API)	150	5153	5303	

Pump Information

Stroke Length:	0	SPM:	0	Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:	0	Motor Description:					


Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description
Insert Pump	2.5	10'	14'	0'	1.5	RHAC

psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate	Gas Vol	Gas Rate
Daily Total									
Well Total									

Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline		\$0.00	\$2,120.00
885120	Fluid Disposal		\$0.00	\$0.00
885122	Formation Stimulation - Fracturing	Nabors	\$26,455.00	\$26,455.00
885123	Formation Stimulation	HL Prod. \$1344, US tnk \$900, Zubiate tnk \$560	\$2,804.00	\$2,804.00
885128	Hot Oiling Services	Preferred	\$1,850.00	\$5,705.00
885139	Labor - Company Supervision	Ron Shuck	\$300.00	\$900.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$425.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	WC#2	\$5,660.00	\$19,459.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land	Runners trkg	\$2,750.00	\$5,800.00
885302	Blowout Preventers	WCS	\$375.00	\$1,125.00
885304	Completion Fluids	Iowa	\$2,100.00	\$3,625.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$42,294.00	\$68,418.00
885604	Packers & Liner Hangers		\$0.00	\$0.00
885613	Pipe - Tubing		\$0.00	\$0.00
885614	Rods		\$0.00	(\$1,500.00)
885617	Wellhead		\$0.00	\$15,500.00
Total Tangibles:			\$0.00	\$14,000.00
Total Daily Costs:			\$42,294.00	\$82,418.00

Day 3

NEWFIELD		Final Daily Workover Report		Well Name:	LONETREE 2-21-9-17
		INJCNV		AFE:	42356
Field:		Rig Name:	WC #2	Report Date:	1/17/2014
Location:		Supervisor:	Ron Shuck	Operation:	Perf.TIH w/ tools.Test csg.Break zone.
County:		Phone:	435- 823-7977	Work Performed:	1/17/2014
State:		Email:	rshuck@newfield.com	Day:	3
Reason for Workover:				Daily Cost:	\$9,715
				Cum DWR:	\$40,124

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:	RU WLT. Perf new zone. PU tools. TIH w/ frac string. Test casing. Break down zone.				
24 Hr. Plan Forward:	Wait on Tuesday frac.				
Incidents	None	Newfield Pers:	1	Contract Pers:	16
		Conditions:	Sunny		

Activity Summary

7:00 AM - 8:30 AM; 1.5 Hr(s); P: Held safety meeting & discussed sharing location & JSA's. RU WLT, crane & pack-off. RiH w/ 3-1/8" disposable perf guns (16 gram, .34"EH, 120?,21" pen) 3 spf. Perferate GB4 sds @ 3802-11' w/ ttl of 27 shots. RD WLT.
8:30 AM - 1:00 PM; 4.5 Hr(s); P: Spot N-80 trailer. PU WCS "TS" RBP 5-1/2", ON/OFF tool, 4' x 2-3/8" pup joint, "HD" pkr. Tally, Drift & TIH w/ 2-7/8", N-80 frac string. 122 jts. Set RBP @ 3874'. Set pkr @ 3843'. Test tools to 4000 psi. Release pkr & set @ 3747'. Pressure casing to 1500 psi w/ 57 bbls. Break down GB4 sds w/ 35 bbls @ 3600 psi back tom 1200 psi w/ 3 bbls wtr @ 1 bpm.
1:00 PM - 4:00 PM; 3 Hr(s); P: Wrap well head & hookup heater. SIFN.

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		312									
Production	5 1/2"	15.5	J-55	STL		5655	5645		327'						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB											
Tubing	167	2-7/8"	6.5	J-55	8 RND EUE	5244.8		5244.75'			
Tubing Anchor	1	2-7/8"	6.5	J-55	8 RND EUE	2.8	5244.8	5247.55'			
Tubing	1	2-7/8"	6.5	J-55	8 RND EUE	31.6	5247.6	5279.15'			
Seating Nipple	1	2-7/8"			8 RND EUE	0.5	5279.2	5279.6'			
Tubing	2	2-7/8"	6.5	J-55	8 RND EUE	62.7	5279.6	5342.26'			
Notched Collar	1	2-7/8"			8 RND EUE	0.5	5342.3	5342.71'			

Rod Detail Data

Count	Component	Size	Grade	Length	Top	Bottom	Comments
1	Polish Rod	1 1/2"	4140	26		26	
1	Pony Rod	3/4"	Norris 54	2	26	28	
100	Guided Rod	3/4"	Norris 54	2500	28	2528	
85	Guided Rod	3/4"	Norris 54	2125	2528	4653	
20	Guided Rod	3/4"	Norris 54	500	4653	5153	
6	Sinker Bar	1 1/2"	C(API)	150	5153	5303	

Pump Information

Stroke Length:	0	SPM:	0	Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:	0	Motor Description:					

Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description
Insert Pump	2.5	10'	14'	0'	1.5	RHAC

psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate	Gas Vol	Gas Rate
Daily Total									
Well Total									

Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline	Perforators	\$2,120.00	\$2,120.00
885120	Fluid Disposal		\$0.00	\$0.00
885122	Formation Stimulation - Fracturing		\$0.00	\$0.00
885123	Formation Stimulation		\$0.00	\$0.00
885128	Hot Oiling Services		\$0.00	\$3,855.00
885139	Labor - Company Supervision	Ron Shuck	\$300.00	\$600.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$425.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	WC #2	\$5,770.00	\$13,799.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land	Runners	\$1,150.00	\$3,050.00
885302	Blowout Preventers	WCS	\$375.00	\$750.00
885304	Completion Fluids		\$0.00	\$1,525.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$9,715.00	\$26,124.00

885604	Packers & Liner Hangers		\$0.00	\$0.00
885613	Pipe - Tubing		\$0.00	\$0.00
885614	Rods		\$0.00	(\$1,500.00)
885617	Wellhead		\$0.00	\$15,500.00
Total Tangibles:			\$0.00	\$14,000.00
Total Daily Costs:			\$9,715.00	\$40,124.00

Failures

Summaries

Activity Summary

Casing Data

Tubing Data

Rod Detail Data


Pump Information

[illegible]

Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline		\$0.00	\$0.00
885120	Fluid Disposal		\$0.00	\$0.00
885122	Formation Stimulation - Fracturing		\$0.00	\$0.00
885123	Formation Stimulation		\$0.00	\$0.00
885128	Hot Oiling Services	High Dessert Hot Oil	\$2,280.00	\$3,855.00
885139	Labor - Company Supervision		\$0.00	\$300.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees	Jessen Electric	\$425.00	\$425.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	WC#2	\$5,302.00	\$8,029.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land		\$0.00	\$1,900.00
885302	Blowout Preventers	WCS	\$375.00	\$375.00
885304	Completion Fluids	Baker Hughes	\$325.00	\$1,525.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$8,707.00	\$16,409.00

885604	Packers & Liner Hangers		\$0.00	\$0.00
885613	Pipe - Tubing		\$0.00	\$0.00
885614	Rods		\$0.00	(\$1,500.00)
885617	Wellhead		\$0.00	\$15,500.00
Total Tangibles:			\$0.00	\$14,000.00
Total Daily Costs:			\$8,707.00	\$30,409.00

		<h1>NEWFIELD</h1> <h2>Final Daily Workover Report</h2> <p>INJCNV</p>		Well Name: LONETREE 2-21-9-17 AFE: 42356 Report Date: 1/16/2014 Operation: MIRUSU. LD rods. Work Performed: 1/15/2014	
Field:	GMBU CTB6	Rig Name:	WC #2	Day:	1
Location:	S21 T9S R17E	Supervisor:	Ron Shuck	Daily Cost:	\$21,702
County:	DUCHESNE	Phone:	435- 823-7977	Cum DWR:	\$21,702
State:	UT	Email:	rshuck@newfield.com		
Reason for Workover:	Conversion				

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:		MIRUSU. Flush rods. Test tbg. TOOHD LD rods.					
24 Hr. Plan Forward:		Continue LD rods. Release TA. TOOHD w/ tbg LD extra tbg.					
Incidents:	None	Newfield Pers:	1	Contract Pers:	12	Conditions:	Sunny

Activity Summary

2:00 PM - 3:00 PM; 1 Hr(s); P: Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 40 bbls hot water down casing.

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		312									
Production	5 1/2"	15.5	J-55	STL		5655	5645		327"						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB											
Tubing	167	2-7/8"	6.5	J-55	8 RND EUE	5244.8		5244.75 '			
Tubing Anchor	1	2-7/8"	6.5	J-55	8 RND EUE	2.8	5244.8	5247.55 '			
Tubing	1	2-7/8"	6.5	J-55	8 RND EUE	31.6	5247.6	5279.15 '			
Seating Nipple	1	2-7/8"			8 RND EUE	0.5	5279.2	5279.6 '			
Tubing	2	2-7/8"	6.5	J-55	8 RND EUE	62.7	5279.6	5342.26 '			
Notched Collar	1	2-7/8"			8 RND EUE	0.5	5342.3	5342.71 '			

Rod Detail Data

Count	Component	Size	Grade	Length	Top	Bottom	Comments
1	Polish Rod	1 1/2"	4140	26		26	
1	Pony Rod	3/4"	Norris 54	2	26	28	
100	Guided Rod	3/4"	Norris 54	2500	28	2528	
85	Guided Rod	3/4"	Norris 54	2125	2528	4653	
20	Guided Rod	3/4"	Norris 54	500	4653	5153	
6	Sinker Bar	1 1/2"	C(API)	150	5153	5303	

Pump Information


Stroke Length:		SPM:		Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:		Motor Description:					

Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description
Insert Pump	2.5	10'	14'		1.5	RHAC

[illegible]


Well Costs

Code	Description	Comments	Daily	Cumulative
885102	Cased Hole Electric Wireline		\$0.00	\$0.00
885120	Fluid Disposal		\$0.00	\$0.00
885122	Formation Stimulation - Fracturing		\$0.00	\$0.00
885123	Formation Stimulation		\$0.00	\$0.00
885128	Hot Oiling Services	High Dessert	\$1,575.00	\$1,575.00
885139	Labor - Company Supervision	Ron Shuck	\$300.00	\$300.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$0.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	WC#2	\$2,727.00	\$2,727.00
885159	Testing - Well & Well Flowback		\$0.00	\$0.00
885162	Transportation - Land	Zubiate trkg rig \$1550, US Oil Services \$350	\$1,900.00	\$1,900.00
885302	Blowout Preventers		\$0.00	\$0.00
885304	Completion Fluids	NDSI	\$1,200.00	\$1,200.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$7,702.00	\$7,702.00
885604	Packers & Liner Hangers		\$0.00	\$0.00
885613	Pipe - Tubing		\$0.00	\$0.00
885614	Rods	Runners 213 rods @ 7\$ a rod	(\$1,500.00)	(\$1,500.00)
885617	Wellhead	Cameron	\$15,500.00	\$15,500.00
Total Tangibles:			\$14,000.00	\$14,000.00
Total Daily Costs:			\$21,702.00	\$21,702.00

 Vertical Stimulation Report INJCNV		Well Name:	LONETREE 2-21-9-17		
		AFE:	42356		
		Report Date:	1/27/2014		
Field:	GMBU CTB6	Rig Name:	Rigless	Day:	8
Location:	S21 T9S R17E	Supervisor:	Alfredo Rios	Com Cost:	\$150,528
County:	DUCHESNE	Phone:	435- 823-0173	AFE No.:	42356
State:	UT	Email:	arios@newfield.com		

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #0070C0; color: white;">Stimulation Details</th> </tr> <tr> <td>Stage #</td> <td>1</td> </tr> <tr> <td>Stimulation #</td> <td>1</td> </tr> <tr> <td>Formation</td> <td>Green River</td> </tr> <tr> <td>Job Type</td> <td>Hydraulic Fracturing</td> </tr> <tr> <td>Service Company</td> <td>Nabors</td> </tr> </table>	Stimulation Details		Stage #	1	Stimulation #	1	Formation	Green River	Job Type	Hydraulic Fracturing	Service Company	Nabors	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Zone</th> <th>Top</th> <th>Bottom</th> </tr> <tr> <td>GB4</td> <td>3,802.0</td> <td>3,811.0</td> </tr> </table>	Zone	Top	Bottom	GB4	3,802.0	3,811.0	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Fluid Pumped</th> <th>Volume</th> <th>Prop Conc.</th> <th>S/O</th> </tr> <tr> <td>15% HCL acid</td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td>Pad</td> <td>5,291.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td>17# Borate Xlink</td> <td>500.00 gal</td> <td>5.00 ppg</td> <td>0</td> </tr> <tr> <td>Flush</td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> <tr> <td></td> <td>500.00 gal</td> <td>0.00 ppg</td> <td>0</td> </tr> </table>	Fluid Pumped	Volume	Prop Conc.	S/O	15% HCL acid	500.00 gal	0.00 ppg	0	Pad	5,291.00 gal	0.00 ppg	0	17# Borate Xlink	500.00 gal	5.00 ppg	0	Flush	500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0		500.00 gal	0.00 ppg	0
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NEWFIELD		Perforation Report		Well Name: LONETREE 2-21-9-17								
		INJCNV		Report Date: 1/27/2014								
Field: GMBU CTB6		Rig Name: Rigless		Operation: Conversion MIT								
Location: S21 T9S R17E		Supervisor: Alfredo Rios		Day: 8								
County: DUCHESNE		Phone: 435- 823-0173		Work Performed: 1/24/2014								
State: UT		Email: arios@newfield.com		AFE No.: 42356								
				Daily Cost: \$24,734								
Stage	Date	Bore Type	Formation	Zone	Top Depth (ft)	Bottom Depth (ft)	SPF	Shots	Phase (deg)	Gun Type	Charges	Comments
0	9/21/2007	Vertical	Green River	B .5	4520	4528	4	32				
0	9/21/2007	Vertical	Green River	A3	4735	4749	4	56				
0	9/21/2007	Vertical	Green River	LODC	4814	4820	4	24				
0	9/21/2007	Vertical	Green River	CP3	5286	5292	4	24				
1	1/17/2014	Vertical	Green River	GB4	3802	3811	3	27	120	Disposable Slick Guns	16g, 0.34 EH, 21.00 pen.	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: LONE TREE FED 2-21-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0578 FNL 1943 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013332810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/9/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input checked="" type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (tubing leak), attached is a daily status report. Workover MIT performed on the above listed well. On 09/09/2014 the csg was pressured up to 1527 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 550 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10198		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 11, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/11/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 9 19 114Test conducted by: Brendan Curry

Others present: _____

Well Name: <u>Lone Tree 2-21-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Monument Butte</u>		
Location: <u>2</u> Sec: <u>21</u> T <u>9</u> N <u>18</u> R <u>17</u> E W	County: <u>Puchesse</u>	State: <u>NY</u>
Operator: <u>Newfield Production Company</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1525</u>	PSIG

Is this a regularly scheduled test?

☐ Yes ☒ No

Initial test for permit?

☐ Yes ☒ No

Test after well rework?

☒ Yes ☐ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 9550 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure	<u>550</u>	psig	psig	psig
End of test pressure	<u>550</u>	psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes	<u>1526</u>	psig	psig	psig
5 minutes	<u>1529</u>	psig	psig	psig
10 minutes	<u>1528</u>	psig	psig	psig
15 minutes	<u>1526</u>	psig	psig	psig
20 minutes	<u>1528</u>	psig	psig	psig
25 minutes	<u>1528</u>	psig	psig	psig
30 minutes	<u>1527</u>	psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

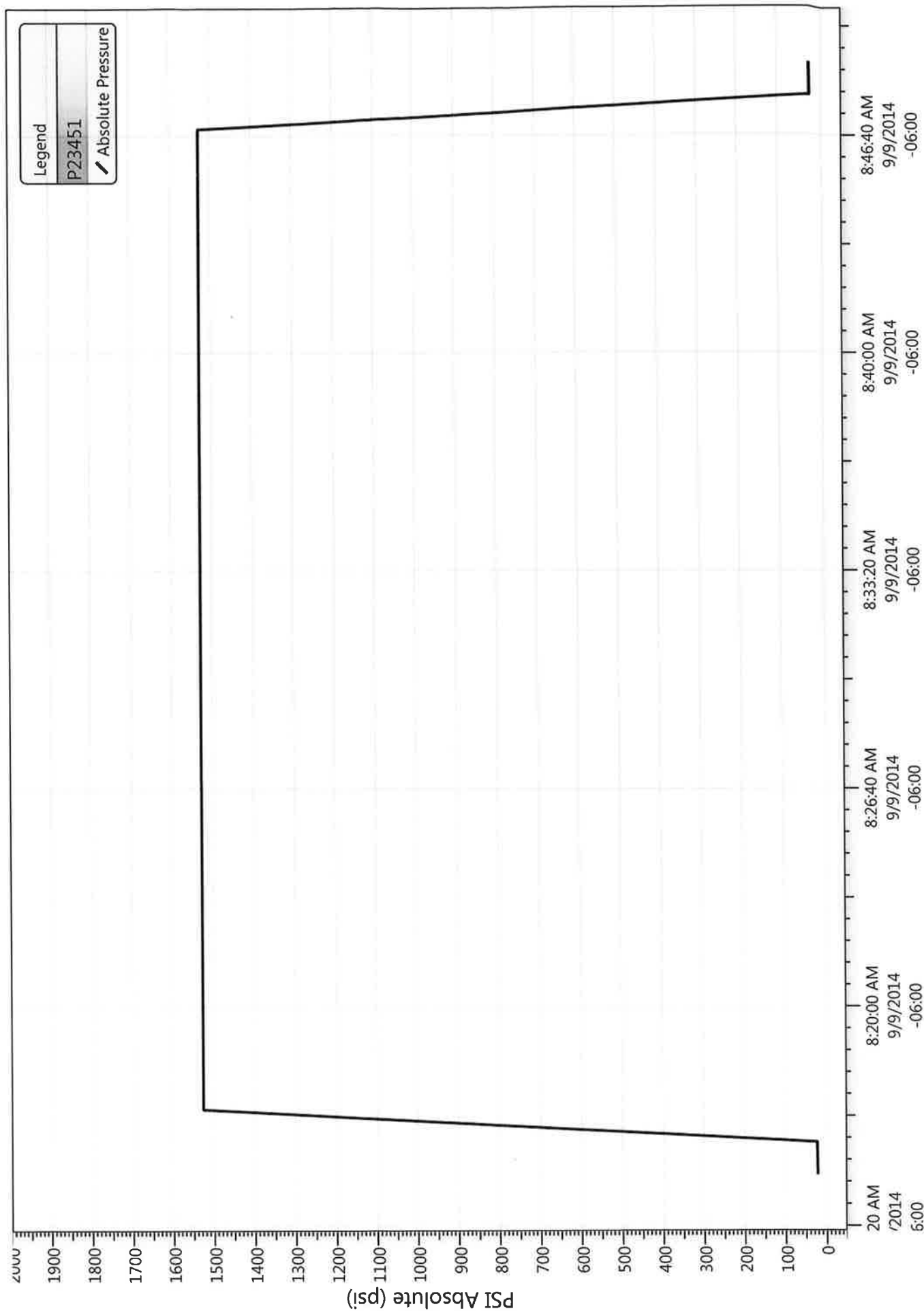
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

2-21-9-17 Conversion MIT

9/9/2014 8:14:39 AM





Job Detail Summary Report

Well Name: Lonetree 2-21-9-17

Jobs		Job Start Date	9/8/2014	Job End Date	9/9/2014
Primary Job Type	Repairs				

Daily Operations

Report Start Date		Report End Date	24hr Activity Summary		
9/8/2014		9/8/2014	MIRU		
Start Time	05:30	End Time	06:00	Comment	c/travel.
Start Time	06:00	End Time	07:00	Comment	Safety Meeting
Start Time	07:00	End Time	08:00	Comment	Road rig to location
Start Time	08:00	End Time	18:00	Comment	MIRUSU. Pump 60 bbls fresh water mixed w/ H2S scavenger down tbg. Pulled up on injection tree and wellhead was loose. Re-doped threads and tightened injection tree & bolted up wellhead. Pressure up on csg to 1500 psi. Pressure dropped to 1425 psi, 75 psi in 1 hr. pressure drop slowed down to 67 psi. MIT test failed. Watch pressure for 1 hr. Pressure dropped to 1175 psi. Pressure up csg to 1590 @ 6:00PM. Leave over night & wait on MIT in the morning. SDFD
Start Time	18:00	End Time	18:30	Comment	c/travel.
Report Start Date		Report End Date	24hr Activity Summary		
9/9/2014		9/9/2014	TOOH. PRESSURE TEST. Conduct MIT		
Start Time	05:30	End Time	06:00	Comment	c/travel
Start Time	06:00	End Time	07:00	Comment	Safety Meeting
Start Time	07:00	End Time	09:00	Comment	Wait on MIT to test pressure. MIT tested good. Workover MIT performed on the above listed well. On 09/09/2014 the csg was pressured up to 1527 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 550 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10198
				RDMO	

NEWFIELD**Schematic****Well Name: Lonetree 2-21-9-17**

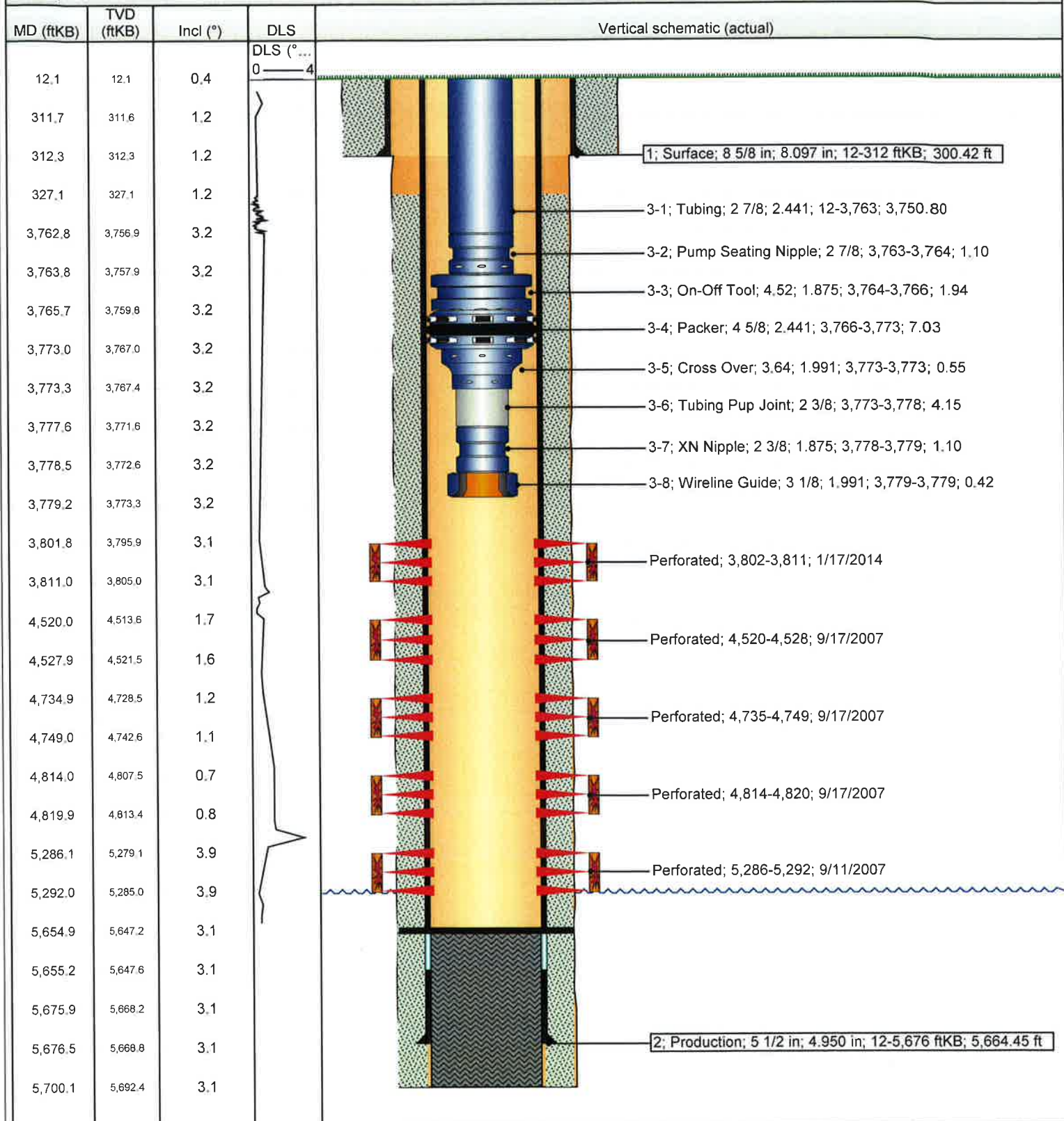
Surface Legal Location 21-9S-17E		API/UWI 43013332810000	Well RC 500159366	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 8/13/2007	Rig Release Date 8/31/2007	On Production Date 9/21/2007	Original KB Elevation (ft) 5,303	Ground Elevation (ft) 5,291	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,654.7	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Tubing Repair	Job Start Date 9/8/2014	Job End Date 9/9/2014
---------------------------------------	-----------------------------	-------------------------------------	----------------------------	--------------------------

TD: 5,700.0

Vertical - Original Hole, 9/10/2014 7:51:01 AM



NEWFIELD**Newfield Wellbore Diagram Data
Lonetree 2-21-9-17**

Surface Legal Location 21-9S-17E		API/UWI 43013332810000		Lease	
County DUCHESENE		State/Province Utah		Field Name GMBU CTB6	
Well Start Date 8/13/2007		Spud Date 8/13/2007		Final Rig Release Date 8/31/2007	
Original KB Elevation (ft) 5,303		Ground Elevation (ft) 5,291		On Production Date 9/21/2007	
Total Depth (ftKB) 5,700.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,654.7	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/13/2007	8 5/8	8.097	24.00	J-55	312
Production	8/30/2007	5 1/2	4.950	15.50	J-55	5,676

Cement**String: Surface, 312ftKB 8/15/2007**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 312.4	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,676ftKB 8/30/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 327.0	Bottom Depth (ftKB) 5,700.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF	Fluid Type Lead	Amount (sacks) 302	Class PL II	Estimated Top (ftKB) 327.0
Fluid Description W/ 2% Gel + 3% KCL,.5%EC1,1/4# skC.F.2%SF+.3% SMS+FP-6L	Fluid Type Tail	Amount (sacks) 436	Class 50:50:2	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					9/8/2014		3,779.1	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	119	2 7/8	2.441	6.50	J-55	3,750.80	12.0	3,762.8
Pump Seating Nipple	1	2 7/8				1.10	3,762.8	3,763.9
On-Off Tool	1	4.515	1.875			1.94	3,763.9	3,765.8
Packer	1	4 5/8	2.441			7.03	3,765.8	3,772.9
Cross Over	1	3.635	1.991			0.55	3,772.9	3,773.4
Tubing Pup Joint	1	2 3/8				4.15	3,773.4	3,777.6
XN Nipple	1	2 3/8	1.875			1.10	3,777.6	3,778.7
Wireline Guide	1	3 1/8	1.991			0.42	3,778.7	3,779.1

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
5	GB4 sds, Original Hole	3,802	3,811	3	120	0.340	1/17/2014
4	B.5 sds, Original Hole	4,520	4,528	4	90	0.370	9/17/2007
3	A3 sds, Original Hole	4,735	4,749	4	90	0.370	9/17/2007
2	LODC sds, Original Hole	4,814	4,820	4	90	0.370	9/17/2007
1	CP3 sds, Original Hole	5,286	5,292	4	120	0.490	9/11/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,008	0.81	24.8	2,930			
2	1,432	0.73	24.8	2,479			
3	1,762	0.81	24.8	1,970			
4	1,864	0.85	24.8	2,030			
5	1,113	0.74	20.0	4,114			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 15178 lb
2		Proppant White Sand 14793 lb
3		Proppant White Sand 70617 lb
4		Proppant White Sand 46985 lb
5		Proppant White Sand 46985 lb



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

SEP 24 2014

Ref: 8ENF-UFO

CERTIFIED MAIL 7008-3230-0003-0727-5850
RETURN RECEIPT REQUESTED

RECEIVED
SEP 29 2014
DIV. OF OIL, GAS & MINING

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

24 95 17E

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Lone Tree 2-21-9-17 Well
EPA ID# UT22197-10198
API # 43-013-~~22381~~ 33281
Duchesne County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Dear Mr. Horrocks:

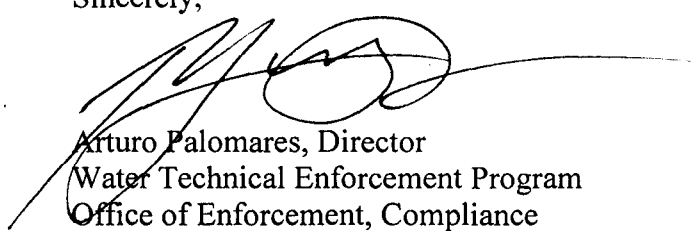
On September 17, 2014, the Environmental Protection Agency received information from Newfield Exploration Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on September 9, 2014. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before September 9, 2019.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Don Breffle at (303) 312-6198. Please direct all correspondence to the attention of Don Breffle at Mail Code 8ENF-UFO.

Sincerely,



Arturo Palomares, Director
Water Technical Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice

cc: Gordon Howell, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Reannin Tapoof, Executive Assistant
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Tony Small, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Bruce Ignacio, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

✓ John Rogers
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: LONE TREE FED 2-21-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0578 FNL 1943 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013332810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/12/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input checked="" type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Workover MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (tubing leak), attached is a daily status report. Workover MIT performed on the above listed well. On 11/12/2014 the csg was pressured up to 1513 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 450 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10198		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 03, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/20/2014	

Mechanical Integrity Test**Casing or Annulus Pressure Mechanical Integrity Test**

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11 / 12 / 14

Test conducted by: Bobby DRAKE

Others present: _____

Lone tree -10/98

Well Name: <u>2-21-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>2</u> Sec: <u>21</u> T <u>9</u> N/S <u>R 17</u> E/W County: <u>Duchesne</u> State: _____		
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test?

☐ Yes ☒ No

Initial test for permit?

☐ Yes ☒ No

Test after well rework?

☒ Yes ☐ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1468/450 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>450</u> psig	psig	psig
End of test pressure	<u>450</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1519</u> psig	psig	psig
5 minutes	<u>1518</u> psig	psig	psig
10 minutes	<u>1519</u> psig	psig	psig
15 minutes	<u>1514</u> psig	psig	psig
20 minutes	<u>1514</u> psig	psig	psig
25 minutes	<u>1514</u> psig	psig	psig
30 minutes	<u>1513</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

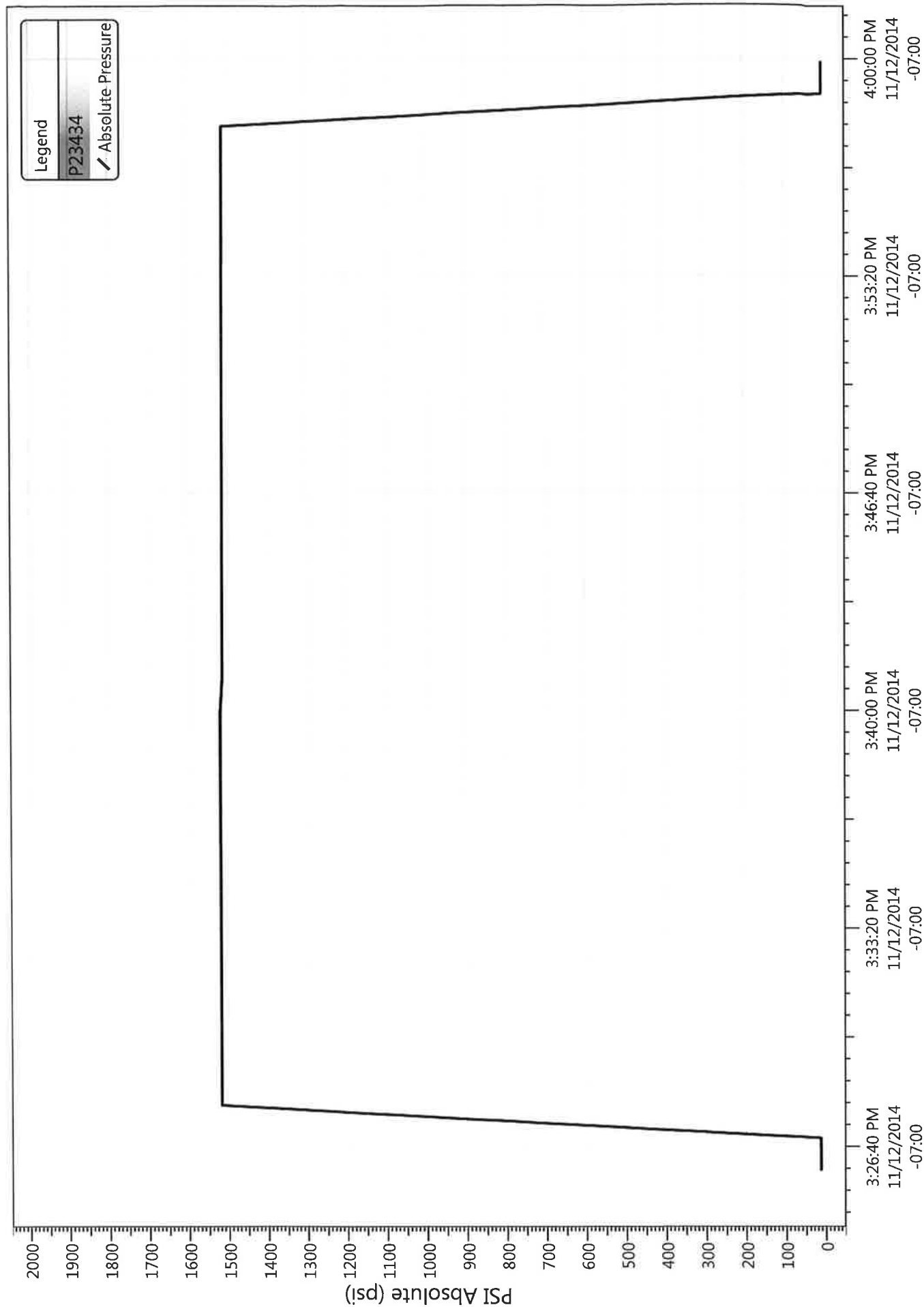
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

2-21-9-17 rig release (11-12-14)

11/12/2014 3:25:23 PM



NEWFIELD**Job Detail Summary Report****Well Name: Lonetree 2-21-9-17**

Jobs		Job Start Date	Job End Date
Primary Job Type	Repairs	11/5/2014	11/12/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
11/5/2014	11/5/2014	MIRU	
Start Time	End Time	Comment	
	12:30	ROAD RIG AND EQUIPMENT FROM FEDERAL 15-23-9-16 TO LONE TREE 2-21-9-17 SICP 100 PSI SITP 300 PSI	
Start Time	End Time	Comment	
	13:30	SPOT EQUIPMENT AND RIG UP RIG. FLOW BACK TUBING FOR 3.5 HRS GOT 150 BBLs.	
Start Time	End Time	Comment	
	17:00	SHUT IN WELL FOR NIGHT	
Start Time	End Time	Comment	
	17:00	CREW TRAVEL	
Report Start Date	Report End Date	24hr Activity Summary	
11/6/2014	11/6/2014	CONTINUE TO FLOW BACK TUBING. PRESSURE TEST TUBING AND CASING. NIPPLE UP BOP RELEASE PACKER PULL OUT OF HOLE.	
Start Time	End Time	Comment	
	06:00	CREW TRAVEL TO LOCATION	
Start Time	End Time	Comment	
	07:00	SAFETY MEETING (PROPER PPE) SICP 175 PSI SITP 300 PSI FLOW BACK TUBING. FLOW BACK 140 BBLs	
Start Time	End Time	Comment	
	14:30	DROP 2-7/8" STANDING VALVE PUMP DOWN WITH 25 BBLs (80 DEG) FRESH WATER. TEST TUBING 3100 PSI 0 LOSS 30 MIN.	
Start Time	End Time	Comment	
	15:30	FISH STANDING VALVE WITH BABY RED. MAKE SANDLINE TAG TO PBTD AT 5654 (0 FILL). RIG DOWN LUBRICATOR SHUT IN WELL FOR NITE.	
Start Time	End Time	Comment	
	16:30	CREW TRAVEL	
Report Start Date	Report End Date	24hr Activity Summary	
11/7/2014	11/7/2014	FLOW BACK TUBING. NIPPLE DOWN INJECTION TREE NIPPLE UP BOP RIG UP FLOOR RELEASE PACKER. REPLACE PACKER TEST CASING	
Start Time	End Time	Comment	
	06:00	CREW TRAVEL TO LOCATION	
Start Time	End Time	Comment	
	07:00	SAFETY MEETING (HAZARDS OF H2S) SICP 0 PSI SITP 500 PSI FLOW BACK TUBING 40 BBLs	
Start Time	End Time	Comment	
	08:00	NIPPLE DOWN INJECTION TREE ADD 8' PUP WITH TIW VALVE. NIPPLE UP BOP'S FUNCTION TEST PIPE RAMS BLIND RAMS IN OPEN POSITION. (TUBING FLOWING) RIG UP FLOOR AND EQUIPMENT RELEASE PACKER AT 3773'	
Start Time	End Time	Comment	
	09:00	RIG UP HOT OILER CIRCULATE WITH 90 BBLs FRESH WATER (5 GAL. H2S SCAVENGER AND 3 BAGS BIOCID) AT 250 DEGREES. (6-24 PPM H2S FROM TUBING WHILE FLOWING	
Start Time	End Time	Comment	
	10:00	PULL OUT OF HOLE WITH 5-1/2" PACKER (RUBBERS SHOWING MODERATE DAMAGE)	
Start Time	End Time	Comment	
	11:00	PICK UP OLD WIRELINE GUIDE, XN NIPPLE, 2-3/8" 4' PUP JOINT, CROSS OVER TO 2-7/8", NEW 5-1/2" PACKER, ON/OFF TOOL, 2-7/8" PUMP SEATING NIPPLE AND RUN IN HOLE WITH 191 JOINTS OF GRADE B 2-7/8" TUBING. DROP 2-7/8" STANDING VALVE, PUMP DOWN WITH 20 BBLs OF FRESH WATER.	
Start Time	End Time	Comment	
	12:00	TEST TUBING 3050 PSI. LOST 750 PSI 30 MIN. 12:30 PM PRESSURE UP TO 3100 PSI LOSS 700 PSI IN 30 MIN. 1 PM PRESSURE TO 3050 PSI LOSS 650 PSI IN 30 MIN. 1:30 PM PRESSURE UP TO 3150 PSI LOSS 650 PSI 30 MIN; 2:30 PRESSURE AT 1800 PSI (1250 PSI LOSS) 3:30 PM PRESSURE AT 1500 PSI. PRESSURE UP TO 3050 PSI. SHUT IN WELL FOR NIGHT.	



Well Name: Lonetree 2-21-9-17

Job Detail Summary Report

Sundry Number: 58084 API Well Number: 43013332810000

Start Time	15:30	End Time	16:30	Comment
Report Start Date	Report End Date	24hr Activity Summary		
11/10/2014	11/10/2014	RETEST TUBING. IF GOOD SET PACKER AT 3765.8' AND TEST CASING		
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Comment
Start Time	08:00	End Time	10:00	Comment
Start Time	10:00	End Time	13:00	Comment
Start Time	13:00	End Time	15:00	Comment
Report Start Date	Report End Date	24hr Activity Summary		
11/11/2014	11/11/2014	CONTINUE PULLING OUT OF HOLE BREAKING AND DOPING COLLERS. REPLACE SEAT NIPPLE. TRIP IN HOLE WITH 2-7/8" STANDING VALVE AND TEST EVER 20 JOINTS. CIRCULATE FRESH WATER WITH PAKER FLUID. SET PACKER AND TEST CASING.		
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Comment
Start Time	08:00	End Time	09:30	Comment
Start Time	09:30	End Time	11:00	Comment
Start Time	11:00	End Time	12:30	Comment
Start Time	12:30	End Time	14:00	Comment
Start Time	14:00	End Time	17:00	Comment



Well Name: Lonetree 2-21-9-17

Job Detail Summary Report

Start Time	17:00	End Time	18:00	Comment
Report Start Date	Report End Date	24hr Activity Summary		
11/12/2014	11/12/2014	TEST CASING, GET MIT, IF GOOD RIG DOWN.		
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Comment
Start Time	08:00	End Time	09:00	Comment
Start Time	09:00	End Time	10:00	Comment
Start Time	10:00	End Time	11:00	Comment
Start Time	11:00	End Time	13:00	Comment
Start Time	13:00	End Time	15:00	Comment
Start Time	15:00	End Time	15:30	Comment
Start Time	15:30	End Time	16:00	Comment
Start Time	16:00	End Time	17:00	Comment
Start Time	17:00	End Time	18:00	Comment

NEWFIELD**Schematic****Well Name: Lonetree 2-21-9-17**

Surface Legal Location 21-9S-17E	API/UWI 43013332810000	Well RC 500159366	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 8/13/2007	Rig Release Date 8/31/2007	On Production Date 9/21/2007	Original KB Elevation (ft) 5,303	Ground Elevation (ft) 5,291	Total Depth All (TVD) (ftKB) Original Hole - 5,654.7	PBTD (All) (ftKB) Original Hole - 5,654.7

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Tubing Repair	Job Start Date 11/5/2014	Job End Date 11/12/2014
---------------------------------------	-----------------------------	-------------------------------------	-----------------------------	----------------------------

TD: 5,700.0

Vertical - Original Hole, 11/18/2014 11:56:26 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (°... 0 — 4	
12.1	12.1	0.4		4-1; Stretch Correction; 2 7/8; 12-13; 1.00
13.1	13.1	0.4		1; Surface; 8 5/8 in; 8.097 in; 12-312 ftKB; 300.42 ft
311.7	311.6	1.2		
312.3	312.3	1.2		4-2; Tubing; 2 7/8; 2,441; 13-3,764; 3,750.80
327.1	327.1	1.2		4-3; Pump Seating Nipple; 2 7/8; 2,270; 3,764-3,765; 1.10
3,763.8	3,757.9	3.2		4-4; On-Off Tool; 4.52; 1.875; 3,765-3,767; 1.94
3,764.8	3,758.8	3.2		4-5; Packer; 4 5/8; 2,441; 3,767-3,774; 7.03
3,766.7	3,760.8	3.2		4-6; Cross Over; 3.64; 1.991; 3,774-3,774; 0.55
3,774.0	3,768.0	3.2		4-7; Tubing Pup Joint; 2 3/8; 1,991; 3,774-3,779; 4.15
3,774.3	3,768.3	3.2		4-8; XN Nipple; 2 3/8; 1.875; 3,779-3,780; 1.10
3,778.5	3,772.6	3.2		4-9; Wireline Guide; 3 1/8; 1.991; 3,780-3,780; 0.42
3,779.5	3,773.6	3.2		
3,780.2	3,774.2	3.2		
3,801.8	3,795.9	3.1		Perforated; 3,802-3,811; 1/17/2014
3,811.0	3,805.0	3.1		
4,520.0	4,513.6	1.7		Perforated; 4,520-4,528; 9/17/2007
4,527.9	4,521.5	1.6		
4,734.9	4,728.5	1.2		Perforated; 4,735-4,749; 9/17/2007
4,749.0	4,742.6	1.1		
4,814.0	4,807.5	0.7		Perforated; 4,814-4,820; 9/17/2007
4,819.9	4,813.4	0.8		
5,286.1	5,279.1	3.9		Perforated; 5,286-5,292; 9/11/2007
5,292.0	5,285.0	3.9		
5,654.9	5,647.2	3.1		
5,655.2	5,647.6	3.1		
5,675.9	5,668.2	3.1		
5,676.5	5,668.8	3.1		2; Production; 5 1/2 in; 4.950 in; 12-5,676 ftKB; 5,664.45 ft
5,700.1	5,692.4	3.1		

NEWFIELD

Newfield Wellbore Diagram Data

Lonetree 2-21-9-17



Surface Legal Location 21-9S-17E		API/UWI 43013332810000		Lease	
County DUCHESE		State/Province Utah		Field Name GMBU CTB6	
Well Start Date 8/13/2007		Spud Date 8/13/2007		Final Rig Release Date 8/31/2007	
On Production Date 9/21/2007		Original KB Elevation (ft) 5,303		Ground Elevation (ft) 5,291	
Total Depth (ftKB) 5,700.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,654.7	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/13/2007	8 5/8	8.097	24.00	J-55	312
Production	8/30/2007	5 1/2	4.950	15.50	J-55	5,676

Cement**String: Surface, 312ftKB 8/15/2007**

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 312.4	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL ₂ + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,676ftKB 8/30/2007

Cementing Company BJ Services Company		Top Depth (ftKB) 327.0	Bottom Depth (ftKB) 5,700.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ + 3 % KCL, 5#/s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF		Fluid Type Lead	Amount (sacks) 302	Class PL II	Estimated Top (ftKB) 327.0
Fluid Description W/ 2% Gel + 3% KCL,.5%EC1,1/4# skC.F.2%SF+.3% SMS+FP-6L		Fluid Type Tail	Amount (sacks) 436	Class 50:50:2	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					11/11/2014		3,780.1	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Stretch Correction	1	2 7/8				1.00	12.0	13.0
Tubing	191	2 7/8	2.441	6.50	J-55	3,750.80	13.0	3,763.8
Pump Seating Nipple	1	2 7/8	2.270			1.10	3,763.8	3,764.9
On-Off Tool	1	4.515	1.875			1.94	3,764.9	3,766.8
Packer	1	4 5/8	2.441			7.03	3,766.8	3,773.9
Cross Over	1	3.635	1.991			0.55	3,773.9	3,774.4
Tubing Pup Joint	1	2 3/8	1.991			4.15	3,774.4	3,778.6
XN Nipple	1	2 3/8	1.875			1.10	3,778.6	3,779.7
Wireline Guide	1	3 1/8	1.991			0.42	3,779.7	3,780.1

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
5	GB4 sds, Original Hole	3,802	3,811	3	120	0.340	1/17/2014
4	B.5 sds, Original Hole	4,520	4,528	4	90	0.370	9/17/2007
3	A3 sds, Original Hole	4,735	4,749	4	90	0.370	9/17/2007
2	LODC sds, Original Hole	4,814	4,820	4	90	0.370	9/17/2007
1	CP3 sds, Original Hole	5,286	5,292	4	120	0.490	9/11/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,008	0.81	24.8	2,930			
2	1,432	0.73	24.8	2,479			
3	1,762	0.81	24.8	1,970			
4	1,864	0.85	24.8	2,030			
5	1,113	0.74	20.0	4,114			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 15178 lb
2		Proppant White Sand 14793 lb
3		Proppant White Sand 70617 lb
4		Proppant White Sand 46985 lb
5		Proppant White Sand 46985 lb

Sundry Number: 47958 API Well Number: 43013332810000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: LONE TREE FED 2-21-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013332810000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0578 FNL 1943 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 21 Township: 09 OS Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/12/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 12:05 PM on 02/12/2014. EPA # UT22197-10198		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/18/2014	

RECEIVED: Feb. 18, 2014